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## SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT

198 East 135<sup>th</sup> Street  
Block 2319; Lot 60  
Bronx, New York

NYSDEC BCP Site #C203084

Prepared For:  
Deegan 135 Realty LLC  
198 East 135<sup>th</sup> Street  
Bronx, New York

Prepared By:  
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Prepared On:  
March 22, 2017

### CERTIFICATIONS

I, Mark E. Robbins, certify that I am a Qualified Environmental Professional (QEP) as defined in 6 NYCRR Part 375 and that this Supplemental Remedial Investigation Report was prepared for the 198 East 135<sup>th</sup> Street Site (Site No. C203084) in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Mark E. Robbins, PG

\_\_\_\_\_  
Name

  
\_\_\_\_\_  
Signature

3/22/17  
\_\_\_\_\_  
Date

## LIST OF ACRONYMS

<b>Acronym</b>	<b>Definition</b>
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BGS	Below Grade Surface
BN	Base Neutral
CAMP	Community Air Monitoring Plan
C&D	Construction & Demolition
CGI	Combustible Gas Indicator
CPP	Citizen Participation Plan
DCE	Dichloroethene
DB	Decibels
DUSR	Data Usability Summary Report
ESA	Environmental Site Assessment
ELAP	Environmental Laboratory Accreditation Program
FID	Flame Ionization Detector
EZ	Exclusion Zone
HASP	Health and Safety Plan
MDL	Method Detection Limit
NYC DEP	New York City Department of Environmental Protection
NYS DEC	New York State Department of Environmental Conservation
NYS DOH	New York State Department of Health
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PID	Photo Ionization Detector
PM	Particulate Matter
PPE	personal protective equipment (PPE)
QAO	Qualified Assurance Officer
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional

QHHEA	Qualitative Human Health Exposure Assessment
QEP	Qualified Environmental Professional
REC	Recognized Environmental Condition
QA/QC	Quality Assurance/Quality Control
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
SCOs	Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SCBA	Self-Contained Breathing Apparatus
SSO	Site Safety Officer
TAL	Full Target Analyte List
TCL	Full Target Compound List
TICs	Tentatively Identified Compounds
TOGS	Technical and Operational Guidance Series
SVOCs	Semi-Volatile Organic Compounds
USCS	Unified Soil Classification System
USGS	United States Geological Survey
VOCs	Volatile Organic Compounds

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## 1.0 EXECUTIVE SUMMARY

This Supplemental Remedial Investigation Report (Supplemental RIR) has been prepared on behalf of Deegan 135 Realty LLC (referred to herein as the “Applicant”) to document the details and protocols for the supplemental environmental investigation of the property located at 198 East 135<sup>th</sup> Street in Bronx, New York (the “Site”). The Applicant filed a BCP application to investigate and remediate this Site. A Brownfield Cleanup Agreement (BCA) was executed between the Applicant as a Volunteer and NYSDEC on May 18, 2016. Site number C203084 was issued to this BCP project.

The scope of work for this investigation was performed based upon a Supplemental Remedial Investigation Work Plan dated November 30, 2016 and approved by NYSDEC on January 23, 2017 and additional field sampling requested in NYSDEC correspondence dated September 20, 2016. The purpose of this investigation was to fully investigate and further characterize soil and groundwater quality at the Site. The investigation was conducted through a series of on-site soil probes and through the collection of groundwater samples from existing on-site monitoring wells. In addition, the investigation also consisted of the re-installation of an existing monitoring well that was destroyed. All portions of the fieldwork were conducted in accordance with a site-specific Health & Safety Plan.

All investigation work was performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) requirements under the NYS Brownfield Cleanup Program (BCP) and in compliance with the New York State Department of Health (NYSDOH) Guidance for evaluating Soil Vapor Intrusion in the State of NY (October 2006) and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (May 2010) and other acceptable industry standards.

The results of the remedial investigation indicate that semi-volatile organic compounds (SVOCs), pesticides and metals are present in shallow and deep soil throughout the site at concentrations exceeding their respective Track 2 Restricted Residential Use SCOs and/or Track I Unrestricted Use SCO. The soil impact in exceedance of Track 2 SCOs extends from zero to approximately 12 feet bgs across most of the site and between 14 to 16 feet bgs beneath the northwestern portion.

The groundwater flow beneath the site vicinity is determined to be toward to the northwest. One SVOC, bis(2-ethylhexyl)phthalate, and several metals were detected in groundwater samples at concentrations exceeding 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS).

The following sections provide the details and specific information pertaining to the various components of the Supplemental RIR.

## 2.0 INTRODUCTION

Hydro Tech Environmental, Corp. (“Hydro Tech”) has been retained by Deegan 135 Realty LLC (referred to herein as the “Applicant”) to prepare this Supplemental Remedial Investigation Report (RIR) for the property located at 198 East 135<sup>th</sup> Street in Bronx, New York (the “Site”). Specifically, this Supplemental RIR addresses the NYSDEC requirements under the NYS Brownfield Cleanup Program (BCP) for Site No. C203084. This report provides the protocols and specifications for the subsurface investigation to define the nature and extent of contamination in all media at or emanating from the site and also to generate sufficient data to evaluate the remedial action alternatives for this Site.

### 2.1 Site Description

The Site is located in the Port Morris section in Bronx, New York and is identified as Block 2319 and Lot 60 on the New York City Tax Map. The Site is 48,976-square feet and is bounded by East 135<sup>th</sup> Street to the north, a commercial storage facility to the south and west and a 5-story residential property to the east. Currently, the Site is vacant. **Figure 1** provides a Site Location Map.

### 2.2 Site History

Hydro Tech performed a Site Remedial Investigation (RI) during June 2015 in accordance with a June 2015 Investigation Work Plan approved by the New York City Office of Environmental Remediation (OER). The purpose of the investigation was to characterize the nature and extent of contamination at the Site. A total of six (6) soil probes designated SP-1 to SP-6, three (3) monitoring wells designated MW-1 to MW-3, and five (5) soil vapor probes designated SV-1 to SV-5 were installed and sampled at the Site. In addition, one outdoor air sample was collected concurrently with soil vapor samples. The RI is provided in **Appendix A**.

Overall findings of the remedial investigations indicate that the groundwater depth beneath the Site ranged between 8.85 to 12.02 feet and the groundwater flow direction was determined to be toward the northwest.

Soil samples were collected from a “shallow” and a “deep” interval as part of this investigation. The shallow interval refers to samples collected from zero to 2 feet below grade; the deep interval refers to samples collected from 10 to 12 feet below grade. Soil/fill samples collected during the RI were compared to Soil Cleanup Objectives (SCOs) presented in the New York State Department of Environmental Conservation (NYSDEC) New York Codes, Rules and Regulations (NYCRR) Section 6 Part 375. The analytical results show trace concentrations of several volatile organic compounds (VOCs) below their respective Unrestricted Use SCOs. Acetone (max. 0.068 mg/kg) exceeded its Unrestricted Use SCO of 0.05 mg/kg in two deep samples collected from 10 to 12 feet below grade at the Site. The VOC soil analytical results are summarized in Table 1 of the June 2015 RIR.

Several semi-volatile organic compounds (SVOCs) consisting of Polycyclic Aromatic Hydrocarbon (PAH) compounds were detected, with benzo(a)anthracene (max. 5.70 mg/kg), benzo(a)pyrene (max. 1.14 mg/kg), benzo(b)fluoranthene (max. 1.24 mg/kg), benzo(k)fluoranthene (max. 1.21 mg/kg) and chrysene (max. 5.49 mg/kg) exceeding their



Restricted Residential SCOs of 1 mg/kg in five shallow samples and one deep sample. Dibenzo(a,h)anthracene (max. 0.453 mg/kg) and indeno(1,2,3-cd)pyrene (max. 0.874 mg/kg) were detected at concentrations exceeding their respective Restricted Residential SCOs of 0.33 mg/kg and 0.5 mg/kg in three shallow samples and one deep sample.

Pesticides were detected in four shallow samples and one deep sample at concentrations exceeding Unrestricted Use SCOs (0.0033 mg/kg), including 4,4'-DDD (max. 0.0948 mg/kg), 4,4'-DDE (max. 0.0357 mg/kg) and 4,4'-DDT (max. 0.177 mg/kg). Total PCBs (max. 0.72 mg/kg) exceeded Unrestricted Use SCOs (0.1 mg/kg) in four shallow samples.

Several metals including barium (max. 635 mg/kg [USCO = 350 mg/kg]), copper (max. 158 mg/kg [USCO = 50 mg/kg]), lead (max. 618 mg/kg [USCO = 63 mg/kg]), mercury (max. 0.36 mg/kg [USCO = 0.18 mg/kg]), nickel (max. 44.30 mg/kg [USCO = 30 mg/kg]), selenium (max. 12.70 mg/kg [USCO = 3.9 mg/kg]) and zinc (max. 497 mg/kg [USCO = 109 mg/kg]) were detected in all shallow samples and three samples exceeding Unrestricted Use SCOs. Of these metals, barium and lead also exceeded their respective Restricted Residential SCOs of 350 mg/kg and 400 mg/kg in two shallow samples. Overall, soil chemistry is unremarkable and is similar to sites with historic fill in New York City.

Groundwater samples collected during the investigations were compared to the NYSDEC Technical Operational Guidance Series (TOGS) 1.1.1 Class GA Groundwater Quality Standards for the protection of drinking water (GQS). The three (3) Site monitoring wells were installed to a total depth of 25 feet below grade and are screened from 5 to 25 feet below grade. No PCBs were identified in any of the groundwater samples collected at the Site. Five (5) VOCs were detected above their respective GQS in MW-1, including 1,2,4-trimethylbenzene (500 µg/L [GQS = 5 µg /L]), 1,2-dichlorobenzene (1,200 µg/L [GQS = 3 µg /L]), acetone (1,500 µg/L [GQS = 50 µg /L]), naphthalene (1,500 µg/L [GQS = 10 µg /L]) and n-butylbenzene (670 µg/L [GQS = 5 µg /L]). No other VOCs were detected in the other two groundwater samples. Several SVOCs were detected but only phenol (5.6 µg/L) was detected in MW-3 at a concentration exceeding its GQS of 1 µg /L. Several dissolved metals were identified in groundwater but only antimony (40 ug/L [GQS = 3 µg /L]), lead (27 ug/L [GQS = 25 µg /L]), magnesium (max. 145,000 ug/L [GQS = 35,000 µg /L]), manganese (max. 3,260 ug/L [GQS = 300 µg /L]), selenium (max. 60 ug/L [GQS = 10 µg /L]) and sodium (max. 782,000 ug/L [GQS = 20,000 µg /L]) exceeded their respective GQS.

Five (5) soil vapor probes, designated SV-1 through SV-5, were installed to a depth of 6 feet below grade. The soil vapor probes were installed in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor collected during the RI showed moderate levels of petroleum-related VOCs. The petroleum related compounds ranged from 1.10 µg/m<sup>3</sup> to 110 µg/m<sup>3</sup>. N-Hexane was the highest detected petroleum-related compound with a concentration of 110 µg/m<sup>3</sup> in SV-5. Total concentrations of petroleum-related VOCs (BTEX) was 100 µg/m<sup>3</sup> in SV-5. Chlorinated VOCs were also detected with tetrachloroethylene (PCE) detected at a maximum concentration of 130 µg/m<sup>3</sup> in SV-4, exceeding the 100µg/m<sup>3</sup> threshold in sub-slab soil vapor that would recommend a monitoring action within the NYSDOH Soil Vapor Guidance Matrix. PCE, trichloroethylene and carbon tetrachloride were also detected in the original outdoor ambient air sample but not in the second resample.

Following the May 2016 NYSDEC acceptance of the BCP application filed by the Applicant to remediate the Site, the NYSDEC requested additional subsurface investigation to further delineate the vertical and horizontal extent contamination beneath the entire Site.

### **2.3 Environmental Setting**

The Site is located in the southern portion of Bronx County, New York. Refer to **Figure 1** for the site location. The elevation of the Subject Property is approximately 15 feet above mean sea level (USGS 7 ½-Minute Central Park, New York Quadrangle, 1995).

The vicinity of the Subject Property is characterized by metamorphosed sequence of bedrock known as the Manhattan Prong of the Hartland Formation.

The Hartland Formation was formed during the late Cambrian to early Ordovician period and consists of undivided pelitic schist with gneiss and amphibolite. The formation is frequently cross cut by transverse and parallel faults. The area is overlain by Pleistocene aged glacial till deposits.

The depth to groundwater determined during this investigation ranges between 9.10 to 14.67 feet. The observed groundwater flow direction at the Site is towards the north.

### **2.4 Objective & Project Goals**

The scope of work for this investigation was performed based upon a Supplemental Remedial Investigation Work Plan dated November 30, 2016 and approved by NYSDEC on January 23, 2017. The objective of the Supplemental RIR was to further investigate and characterize the nature and extent of soil contamination and groundwater quality at the Site. Additionally, the following was achieved:

- Define the nature and horizontal and vertical extent of contamination in soil at the Site;
- Generate sufficient data to evaluate the remedial action alternatives; and
- Generate sufficient data to evaluate the actual and potential threats to human health and the environment.

All of the fieldwork will be performed in accordance with 6NYCRR Part 375-3.8, along with NYSDEC DER-10 and applicable NYSDOH Guidance for Evaluating Soil Vapor Intrusion.

**Appendix B** contains copies of the correspondence with the NYSDEC.

### 3.0 INVESTIGATION SPECIFICATIONS

#### 3.1 Introduction

This section documents the details and protocols utilized in the delineation of contamination, the determination of the site-specific groundwater flow direction and the general characterization of those portions of the Site that have not yet been thoroughly investigated. This scope of work was accomplished by installing a series of soil probes utilizing direct-push technology and collection of groundwater samples from the existing on-site monitoring wells. Additionally, one of the former on-site monitoring wells was re-installed. Select soil and groundwater samples were analyzed via approved analytical methods. All these activities were implemented consistent with a NYSDEC approved Supplemental RIWP dated November 30, 2016 and additional field sampling requested in NYSDEC correspondence dated September 20, 2017, and in accordance to a Health and Safety Plan (HASP), a Community Air Monitoring Plan (CAMP) and Quality Assurance Project Plan (QAPP).

Prior to the performance of the fieldwork, a public utility mark out was requested from the New York City-Long Island One-Call Center. Mark-out number 170231629 was assigned to the Site. All field work was coordinated with representatives of the NYSDEC.

Appendix C provides copies of photographs of the fieldwork.

#### 3.2 Soil Probes

A total of eight (8) soil probes designated SP-7 to SP-14 were installed during the supplemental investigation. Soil probes SP-7 and SP-8 were installed in the western portion of the proposed basement (northwestern portion of the Site). SP-9 and SP-10 were installed in the eastern portion of the proposed basement (northern-central portion of the Site). Soil probes SP-11, SP-12, SP-13 and SP-14 were installed in the proposed slab-on-grade/parking areas of the Site (southern and eastern portions of the Site). The purpose of these soil probes is to further characterize soil quality and also to vertically determine to the extent of contamination. **Figure 2** provides the locations of the soil probes.

**Table 1** - Summary of Soil Sampling Locations and Analyses

Soil Probe	Location	Soil Sampling Depth	Analytical Methods
SP-7	Western Portion of Proposed Basement (northwestern portion of Site)	2 to 4 feet below grade;	TCL VOCs via EPA Method 8260 TCL SVOCs via EPA Method 8270 Pesticides via EPA Method 8081 Polychlorinated biphenyls via EPA Method 8082 TAL Metals via EPA Method 6010 & EPA Method 7471 for Mercury
SP-8		6 to 8 feet below grade; 10 to 12 feet below grade; 12 to 14 feet below grade; 14 to 16 feet below grade	
SP-9	Eastern Portion of Proposed Basement (north-central portion of Site)	0 to 2 feet below grade;	
SP-10		2 to 4 feet below grade; 4 to 6 feet below grade; 6 to 8 feet below grade; 8 to 10 feet below grade; 12 to 14 feet below grade; 14 to 16 feet below grade	
SP-11	Slab-on-grade/parking	2 to 4 feet below grade;	
SP-12		4 to 6 feet below grade;	

SP-13	construction (southern and eastern portions of Site)	6 to 8 feet below grade;	
SP-14		8 to 10 feet below grade	

Soil sampling depths presented in **Table 1** above were determined based upon the requirements set forth in the Supplemental RIWP and approved by the NYSDEC.

All soil probes were installed utilizing Hydro Tech’s probe machine units fitted with Geoprobe® tooling and sampling equipment. The probing machine installs the soil probes utilizing direct-push (hydraulic percussion) technology.

Soil sampling was performed in compliance with NYSDEC DER-10. Soil samples were collected in all probes at 2-foot intervals utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The Macro sampler allows for the collection of discrete soil samples. Each sampler was installed with 1½-inch diameter drill rods.

Soil probes SP-7 to SP-10 were installed to a maximum depth of 16 feet below grade. Soil probes SP-11 to SP-14 were extended to a maximum depth of 10 feet below grade. The soil samples were characterized in the field by a Hydro Tech geologist. The characterization consisted of field screening for evidence of organic vapors utilizing a Photoionization Detector (PID) and soil classification.

Headspace analyses were conducted on each soil sample by partially filling a zip lock bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container was agitated for a period of thirty (30) seconds. The probe of the PID was then placed within the headspace to measure the hydrocarbon concentrations present.

The soil classification was based upon the Unified Soil Classification System (USCS). The general soil type consists of a medium- to coarse-grained sand underlain by a sandy clay layer at approximately 14 feet below grade. Evidence of historic fill material consisting of bricks, glass, concrete, and coal was identified in all soil probes extending to a maximum depth of 10 feet below grade.

A slight petroleum odor, supported by a maximum PID reading of 4.5 parts per million (ppm) was identified from 4 to 6 feet below grade in soil probe SP-11. None of the remaining samples from all soil probes exhibited visual or olfactory evidence of organic constituents. **Appendix D** provides soil probe logs.

### 3.3 Groundwater Monitoring Wells

A total of three (3) groundwater monitoring wells were sampled during the investigation. The groundwater samples are intended to further evaluate the groundwater quality beneath the Site and to determine the horizontal groundwater flow beneath the Site. Groundwater samples were collected from the two (2) existing on-site monitoring wells (MW-1 and MW-3) and from the replacement monitoring well installed during this investigation (MW-2R). Monitoring well MW-1 is located in the northeast corner of the Site; MW-2R was installed in the central-eastern portion of the Site and MW-3 is located in the southeastern corner of the Site.

**Table 2** - Summary of Groundwater Monitoring Well Sampling Locations and Analyses

Monitoring Well	Location	Analytical Methods
MW-1	Northeastern portion	TCL VOCs via EPA Method 8260 TCL SVOCs via EPA Method 8270
MW-2R	Southeastern portion	Pesticides via EPA Method 8081 Polychlorinated biphenyls via EPA Method 8082
MW-3	Western-central portion	TAL Metals via EPA Method 6010 & EPA Method 7471 for Mercury

Monitoring well MW-2R was installed utilizing similar technology to the soil probes (i.e. direct push). All monitoring wells are constructed with 1-inch diameter PVC piping. The screened interval of all monitoring wells consists of 0.010-inch slotted PVC and is generally situated approximately 5 feet above the groundwater interface and 10 feet below. **Figure 2** provides the location of the monitoring wells. **Appendix E** provides a groundwater monitoring well construction log for MW-2R.

The replacement monitoring well MW-2R was developed in accordance with NYCRR Part 360-2.11(a)(8), 24 hours after well installation. All three monitoring wells were monitored and gauged for separate phase product. The monitoring was performed utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. The static depth to water was measured in each well from the northern portion of the top of casing.

**Table 3** provides the groundwater monitoring details. As **Table 3** indicates, none of the monitoring wells were found to contain free product. The depth to water during this monitoring event ranged from 9.10 feet in MW-1 to 14.67 feet in MW-2R.

Each well was plotted on an architectural survey performed at the Site to determine surface elevation at each well location. The determination of the casing elevations allowed for the calculation of the groundwater elevation beneath the site, which therefore, allowed for the determination of the groundwater flow direction. The architectural survey was performed by Montrose Surveying Co., LLP.

Each well was surveyed to determine the casing elevations. The determination of the casing elevations allowed for the calculation of the groundwater elevation beneath the Site, which therefore, allowed for the determination of the groundwater flow direction. **Table 3** provides the groundwater surveying details for the monitoring wells. The groundwater elevations were then imported into a computer-contouring program to determine the site-specific groundwater flow direction. The site-specific groundwater flow direction was determined to be toward the northwest. **Figure 3** provides a groundwater flow diagram.

Groundwater samples were then obtained from all wells, utilizing a low flow pump fitted with dedicated polyethylene tubing. The monitoring wells were purged and sampled in accordance to the USEPA's Low Stress/Flow Groundwater Sampling Protocol (SOP #GW0001, Rev. 1996) and following the stabilization of water quality indicator parameters. Sampling of groundwater occurred following the stabilization of the following parameters within in the specified confidence limits: pH, turbidity, specific conductance, ORP/Eh, temperature, and dissolved

oxygen. As per the USEPA's Low Stress/Flow Groundwater Sampling Protocol, static depth to water was gauged at the conclusion of sampling. **Appendix F** provides groundwater sampling/purge logs.

### 3.4 Laboratory Analytical Methods

All soil and groundwater samples were placed in a cooler filled with ice and maintained at 4 degrees Celsius. Each sample was transmitted under proper chain of custody procedures to a NYSDOH ELAP-certified laboratory. The samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides via EPA Method 8081, Polychlorinated biphenyls via EPA Method 8082 and TAL Metals via EPA Method 6010 and EPA Method 7471 for Mercury. Groundwater samples analysis for TAL Metals were performed for both filtered and unfiltered samples. **Table 4** through **Table 15** provide the tabulated data. **Appendix G** provides laboratory data reports.

### 3.5 Field Management of Investigation Derived Waste

Soil cuttings generated during soil probe installation and sampling and fluids generated during monitoring wells development and sampling and during equipment decontamination were contained into two 55-gallons drums. The 2 drums were temporarily stored at the Site following the investigation until disposal arrangements were finalized. The 2 drums were then transported and properly disposed of the Site as hazardous solid waste. A manifest system for off-Site transportation of exported materials was employed. The 2 drums were transported by Hydro Tech Environmental Corp. and then by Disposal Consultant Services, Inc. The drums were disposed of at Northland Environmental LLC located at 275 Allen Avenue, Providence, Rhode Island. A final signed manifest will be provided once it is received from the disposal facility.

### 3.6 Quality Assurance/Quality Control

Soil samples were collected from soil probes utilizing disposable acetate liners fitted within Macro Core sampler. Groundwater samples were collected from monitoring wells utilizing disposable tubing. The only equipment, which required decontamination prior to each use, consisted of the Macro Core sampler during the soil sampling and the interface probe during the groundwater sampling. Both equipment was decontaminated by rinsing them with deionized water. Rinsate from the decontamination was disposed in the same drum containing waste fluids generated during the groundwater sampling.

All soil and groundwater samples were properly handled and placed directly into the pre-cleaned and labeled laboratory containers. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times for each analysis were met.

The following QA/QC samples were collected and analyzed.

- One trip blank per trip was analyzed via EPA Method 8260. A total of three (3) trip blanks were analyzed;
- One field blank (rinsate blank) per sampling event was analyzed via EPA Method 8260, EPA Method 8270, EPA Method 8081, EPA Method 8151, EPA Method 8082, EPA

Method 6010 and EPA Method 7471. A total of three (3) field blanks were analyzed during soil sampling;

- The matrix spike (MS) and matrix spike duplicate (MSD) sampling protocol for soil and groundwater matrices was not utilized during this investigation. Instead, the laboratory will be providing their batch MS/MSD data per analytical methods via EPA Method 8260, EPA Method 8270, EPA Method 8081, EPA Method 8151, EPA Method 8082, EPA Method 6010 and EPA Method 7471.

The soil and groundwater samples were managed with the following protocol:

1. Samples were labeled and logged in a notebook upon collection;
2. In the field, samples were the responsibility of the Hydro Tech QA officer;
3. Once samples were collected they were returned to Hydro Tech office and logged in for temporary storage;
4. Samples were refrigerated to maintain a temperature at a maximum 4 degrees Celsius.
5. Hydro Tech QA officer was then responsible for transporting samples to State-certified (ELAP) laboratory for analysis under a proper Chain of Custody;
6. Laboratory personnel recorded the date and time of samples arrival at the lab and ensured that all holding times for each matrix and analysis were met;
7. After samples are analyzed, laboratory information was added to the label;
8. The Sample Chain of Custody Form was used to record all transport and storage information.
9. Samples analytical data report underwent QA/QC performed by a laboratory officer who checked each data sheet for precision, missing or illegible information, errors in calculation and values outside of the expected range.

### **3.7 HASP and CAMP Implementation**

This remedial investigation was performed in accordance to a HASP, QAPP and CAMP developed in the NYSDEC approved Supplemental RIWP. Health and safety procedures were carried out at all times during field activities. All personnel wore appropriate levels of personal protective equipment. The investigation was performed during normal business hours under a strict air monitoring for dust particles and organic vapors in accordance to a CAMP. Air monitoring did not indicate exceedance of health and safety thresholds, and therefore, the CAMP results did not warrant a need to temporarily vacate personnel in order to prevent their exposure to toxic vapors and/or airborne contaminants in soil.

The 15-minute time-weighted averages of dust concentrations and total volatile organic compounds concentrations measured downwind during ground intrusive work did not exceed the CAMP action levels specified in the NYSDEC approved RIR. Upwind and downwind locations of the two monitoring stations during the performance of the CAMP were determined based on the direction of wind, which was monitored using a real-time Krestel 4500 Pocket Weather tracker.

Copies of air monitoring logs are provided in **Appendix H**.

## 4.0 ANALYTICAL RESULTS

### 4.1 Soil Results

**Table 4** provides the analytical results for VOCs for the soil samples collected from soil probes SP-7 through SP-14 reported in milligrams per kilogram (mg/kg). **Table 4** also provides a comparison of the analytical results to the 6 NYCRR Part 375 Track 1 Unrestricted Use Soil Cleanup Objectives (SCO) and Track 2 Restricted Residential Use SCOs.

As **Table 4** indicates, the only VOC identified at a concentration exceeding its Track 1 Unrestricted Use SCO is acetone. Acetone is a common laboratory contaminate used to clean laboratory equipment and is not indicative of site conditions. No other VOCs were detected at concentrations exceeding their respective Track 1 Unrestricted Use SCOs. Other VOCs detected at concentrations below their respective SCOs include 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, methyl tert-butyl ether (MTBE), naphthalene, o-xylene and tert-butylbenzene. No other VOCs were detected at concentrations exceeding their respective laboratory method detection limits (MDLs).

**Table 5** provides the analytical results for SVOCs for the soil samples collected from soil probes SP-7 through SP-14 reported in mg/kg. **Table 5** also provides a comparison of the analytical results to the 6 NYCRR Part 375 Track 1 Unrestricted Use SCOs and Track 2 Restricted Residential Use SCOs.

As **Table 5** indicates, several SVOCs were identified in shallow soil samples from grade to the depth of 4 feet bgs and deep soil samples at depths exceeding 6 feet bgs at concentrations exceeding their Track 2 Restricted Residential Use SCOs. Specifically, SVOCs benzo(a)anthracene (max. 18.4 mg/kg), benzo(a)pyrene (max. 15.4 mg/kg), benzo(b)fluoranthene (max. 10.8 mg/kg), benzo(k)fluoranthene (max. 12.9 mg/kg), chrysene (max. 19.5 mg/kg), dibenzo(a,h)anthracene (max. 6.52 mg/kg) and indeno(1,2,3-cd)pyrene (max. 11.4 mg/kg) were detected in shallow and deep soil samples at concentrations exceeding Track 2 SCOs. The SVOC, dibenzofuran, was detected at a concentration of 7.73 mg/kg in the 0-2 foot sample from SP-9 at a concentration exceeding its Track 1 Unrestricted Use SCO of 7 mg/kg. Other SVOCs detected at concentrations less than their respective SCOs include 2,6-dinitrotoluene, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, benzyl butyl phthalate, bis(2-ethylhexyl)ether, dimethyl phthalate, di-n-butyl phthalate, fluoranthene, fluorene, naphthalene, phenanthrene and pyrene.

**Table 6** provides the analytical results for pesticides and PCBs for the soil samples collected from soil probes SP-7 through SP-14 reported in mg/kg. **Table 6** also provides a comparison of the analytical results to the 6 NYCRR Part 375 Track 1 Unrestricted Use SCOs and Track 2 Restricted Residential Use SCOs.

As **Table 6** indicates, four (4) pesticides were detected at concentrations exceeding their respective Track 1 Unrestricted Use SCOs in shallow and deep soil samples collected at the Site. Specifically, 4,4-DDD (max. 0.0812 mg/kg), 4,4-DDE (max. 0.0365 mg/kg), 4,4-DDT (max. 0.159 mg/kg) and dieldrin (max. 0.0148 mg/kg) were detected at concentrations exceeding Track 1 SCOs in soil samples collected from soil probes SP-8, SP-9 and SP-11 through SP-14. Pesticides alpha-chlordane and gamma-chlordane were also detected but at concentrations less than their respective SCOs. No other pesticides were detected at concentrations exceeding laboratory MDLs. PCBs, Aroclor-1248, Aroclor-1254 and Aroclor-1260, were detected at concentrations less than their respective SCOs. No other PCBs were detected at concentrations exceeding laboratory MDLs.



**Table 7** provides the analytical results for metals for the soil samples collected from soil probes SP-7 through SP-14 reported in mg/kg. **Table 7** also provides a comparison of the analytical results to the 6 NYCRR Part 375 Track 1 Unrestricted Use SCOs and Track 2 Restricted Residential Use SCOs.

As **Table 7** indicates, several metals were detected at concentrations exceeding their respective Track 2 Restricted Residential Use SCOs in shallow and deep soil samples collected at the Site. Metals, arsenic (max. 18.8 mg/kg), barium (max. 1,010 mg/kg), cadmium (max. 2.61 mg/kg), copper (max. 395 mg/kg), lead (max. 1,020 mg/kg), manganese (max. 2,670 mg/kg), mercury (max. 5.5 mg/kg) and zinc (max. 20,600 mg/kg) were detected at concentrations exceeding Track 2 Restricted Residential SCOs. Metals, nickel (max. 58.0 mg/kg), selenium (max. 21.0mg/kg) and silver (max. 4.59 mg/kg) were detected at concentrations exceeding Track 1 Unrestricted Use SCOs. No other metals were detected at concentrations exceeding regulatory standards.

#### **4.2 Groundwater Results**

**Table 8** provides the VOC analytical results for groundwater sampled from monitoring wells MW-1 through MW-3. Concentrations reported in **Table 8** are in micrograms per Liter ( $\mu\text{g/L}$ ). **Table 8** also provides a comparison of the results to each compound's Groundwater Quality Standard (GQS) from NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 entitled Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

As **Table 8** indicates, no VOCs were detected at concentrations exceeding their respective QGS in any of the groundwater samples collected at the Site. The VOCs acetone, bromomethane, carbon disulfide, MTBE and toluene, were detected at concentrations below their respective GQS. None of the remaining VOCs were detected at concentrations exceeding laboratory MDLs.

**Table 9** provides the SVOC analytical results for groundwater sampled from monitoring wells MW-1 through MW-3. **Table 9** also provides a comparison of the results to each compound's GQS.

As **Table 9** indicates, one SVOC, bis(2-ethylhexyl)phthalate, was detected at a concentration of 14.6  $\mu\text{g/L}$  in monitoring well MW-2R, exceeding its GQS of 5  $\mu\text{g/L}$ . No other SVOCs were detected at concentrations exceeding their GQS. Other SVOCs detected in groundwater at the Site include, acenaphthene, anthracene, fluoranthene, phenanthrene and pyrene in MW-2R and naphthalene in MW-2R, MW-3. These SVOCs were not detected at concentrations exceeding their respective GQS. No other SVOCs were detected at concentrations exceeding their respective laboratory MDLs.

**Table 10** provides the pesticides and PCBs analytical results for groundwater sampled from monitoring wells MW-1 through MW-3 reported in  $\mu\text{g/L}$ . **Table 10** also provides a comparison of the results to each compound's GQS.

As **Table 10** indicates, no PCBs were detected above laboratory MDLs in groundwater samples collected at the Site. Additionally, no pesticides were detected at concentrations exceeding their respective GQS. Pesticides 4,4'-DDD and 4,4'-DDT were detected at concentrations below their respective GQS in the groundwater sample collected from MW-2R. No other pesticides were detected above laboratory MDLs.

**Table 11** provides the metals (undissolved and dissolved) analytical results for groundwater sampled from monitoring wells MW-1 through MW- reported in µg/L. **Table 11** also provides a comparison of the results to each compound's GQS.

As **Table 11** indicates, four (4) metals were detected at concentrations exceeding their GQS. Specifically, manganese (max. 1,060 µg/L), selenium (max. 12.9 µg/L) and sodium (max. 269,000 µg/L) were detected in both undissolved and dissolved samples collected from all monitoring wells at the Site at concentrations exceeding their respective GQS and magnesium (max. 39,900 µg/L) was detected in MW-2R at a concentration exceeding its GQS. No other metals were detected at concentrations exceeding their GQS.

#### **4.3 Quality Assurance/Quality Control**

A number of VOCs, SVOCs and metals were detected in the soil and groundwater field blanks and the trip blanks. Detected blank compounds are either not present in any soil or groundwater samples or their levels are unlikely to underscore their detection in soil or groundwater samples at concentrations that are below their respective standards.

A Data Usability Summary Report (DUSR) is currently being prepared for the analytical results by an independent data reviewer, Mr. Donald Anne of Alpha Geoscience in Clifton Park, New York. Once the DUSR results are received and evaluated, they will be provided to NYSDEC in a Supplemental RIR addendum.

## 5.0 DISCUSSION OF RESULTS

### 5.1 Soil Quality

The Supplemental RI indicates that with the exception of the common laboratory contaminant acetone, no VOCs were detected in soil at concentrations exceeding their respective SCOs.

Several SVOCs, much of which are characterized as polycyclic aromatic hydrocarbons (PAHs) and indicative of historic fill material or other previous site-specific sources, were identified during this investigation site-wide at concentrations exceeding their respective Track 2 Restricted Residential SCOs. SVOCs were detected at a maximum depth of 14 to 16 feet below grade in soil probe SP-7, installed in the northwest corner of the Site, within the proposed partial basement footprint. Outside of the proposed partial basement footprint, SVOCs were detected at concentrations exceeding Track 2 SCOs at a maximum depth of 6 to 8 feet below grade in soil probes SP-11 and SP-12, installed on the southern portion of the Site.

Pesticides were detected at concentrations exceeding Track 1 Unrestricted Use SCOs at varying depths, ranging from zero to 2 feet below grade in soil probe SP-9, located in the southeastern portion of the proposed basement footprint and in the central portion of the Site, to 8 to 10 feet below grade in soil probe SP-11, located in the southwestern corner of the Site.

No PCBs were detected in Site soil at concentrations exceeding their regulatory limits.

Several metals were detected at concentrations exceeding Track 2 Restricted Residential SCOs and/or Track 1 Unrestricted Use SCOs in shallow and deep soil site-wide. These exceedances were detected at a maximum depth of 14 to 16 feet below grade in soil probes SP-7 and SP-8 along the western portion of the proposed basement footprint; at a maximum depth of 10 to 12 feet in soil probe SP-9 in the southeastern portion of proposed basement footprint; and at a maximum depth of 6 to 8 feet in soil probe SP-10 in the northeastern portion of the proposed basement footprint. Outside of the proposed basement footprint, metals were detected at concentrations exceeding either Track 1 or Track 2 SCOs at maximum depths of 8 to 10 feet below grade in all exterior soil probes with the exception of soil probe SP-14, which contained metals in exceedance of SCOs at a maximum depth of 6 to 8 feet below grade. However, soils below 15 feet are not anticipated to act as continuing sources of contamination at the site.

The impact in soil at the Site in exceedance of Track 2 SCOs appears to extend from zero to approximately 12 feet bgs, consistent with the vertical and horizontal distribution of historic fill material observed during the installation of soil probes with localized impact in deep soil between 14 to 16 feet bgs beneath the northwestern portion.

**Figure 4** through **Figure 6** provide maps depicting Track 1 and Track 2 exceedances for SVOCs, pesticides and metals at the Site.

### 5.2 Groundwater Quality

The groundwater flow beneath the Site was determined to be toward to the northwest, consistent with the previous investigation. (See **Figure 3**).

The results of the groundwater sampling indicate no VOCs were detected in any monitoring

wells at concentrations exceeding GQS including MW-1 at which location, dissolved gasoline compounds were previously reported at elevated levels. No Pesticides or PCBs were detected at concentrations exceeding their respective GQS at the Site. One SVOC, bis(2-ethylhexyl)phthalate, was detected at a concentrations exceeding its GQS in monitoring well MW-2R, located in the central-western portion of the Site. Several dissolved metals, including magnesium, manganese, selenium and sodium, were detected at concentrations exceeding their respective GQS at the Site, consistent with the previous investigation.

## 6.0 CONCLUSIONS

Based on the information and data presented above, the following conclusions are provided:

- SVOCs, pesticides and metals were detected at concentrations exceeding Track 2 and/or Track 1 SCOs at varying depths throughout the site. However, soils exhibiting concentrations of these contaminants exceeding the Track 2 SCOs at depths of 14 to 16 feet below grade were isolated to the northwestern portion of the Site;
- The groundwater flow beneath the Site and its vicinity is toward the northwest;
- One dissolved SVOC, bis(2-ethylhexyl)phthalate, and several metals were detected in groundwater samples collected at the Site.

## **7.0 RECOMMENDATIONS**

Based upon the conclusions put forth in this report, the following recommendations are provided:

- This report should be provided to the NYSDEC for their review and comment. An updated Interim Remedial Measures Work Plan should be prepared that will document the procedures to be implemented to address the extent of soil contamination identified at the Site during the pending development.

## 8.0 REFERENCES

- AKRF, Inc. (1999, November). *Remedial Activities Report: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- AKRF, Inc. (2006, August). *Phase I Environmental Site Assessment Update: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- AKRF, Inc. (2006, December). *Phase II Subsurface Investigation: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- AKRF, Inc. (2007, March). *Remedial Action Plan: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Hydro Tech Environmental, Corp. (2015, June). *Phase II Work Plan (Short Form): 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Hydro Tech Environmental, Corp. (2015, September). *Remedial Investigation Report: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Hydro Tech Environmental, Corp. (2015, September). *Remedial Action Work Plan: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Hydro Tech Environmental, Corp. (2016, November). *Supplemental Remedial Investigation Work Plan: 198 East 135<sup>th</sup> Street, Bronx, New York.*
- Karl Fischer Architect. (2015, October). *Air Quality and Noise Remedial Action Plan: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Land Tech Remedial, Inc. (1998, September). *Phase I Environmental Site Assessment: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Land Tech Remedial, Inc. (1999, January). *Phase II Environmental Site Assessment: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Land Tech Remedial, Inc. (1999, February). *Supplemental Phase II Subsurface Investigation: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- New York State Department of Environmental Conservation Final Policy, CP-51/Soil Cleanup Guidance, October 21, 2010.
- SECOR International, Inc. (2004, April). *Phase I Environmental Site Assessment: 200 East 135<sup>th</sup> Street, Bronx, New York.*
- Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.

## 9.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Hydro Tech Environmental, Corp.** may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **HydroTech Environmental, Corp.** at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Hydro Tech Environmental, Corp.** did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

**Hydro Tech Environmental, Corp.** did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Hydro Tech Environmental, Corp.** has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

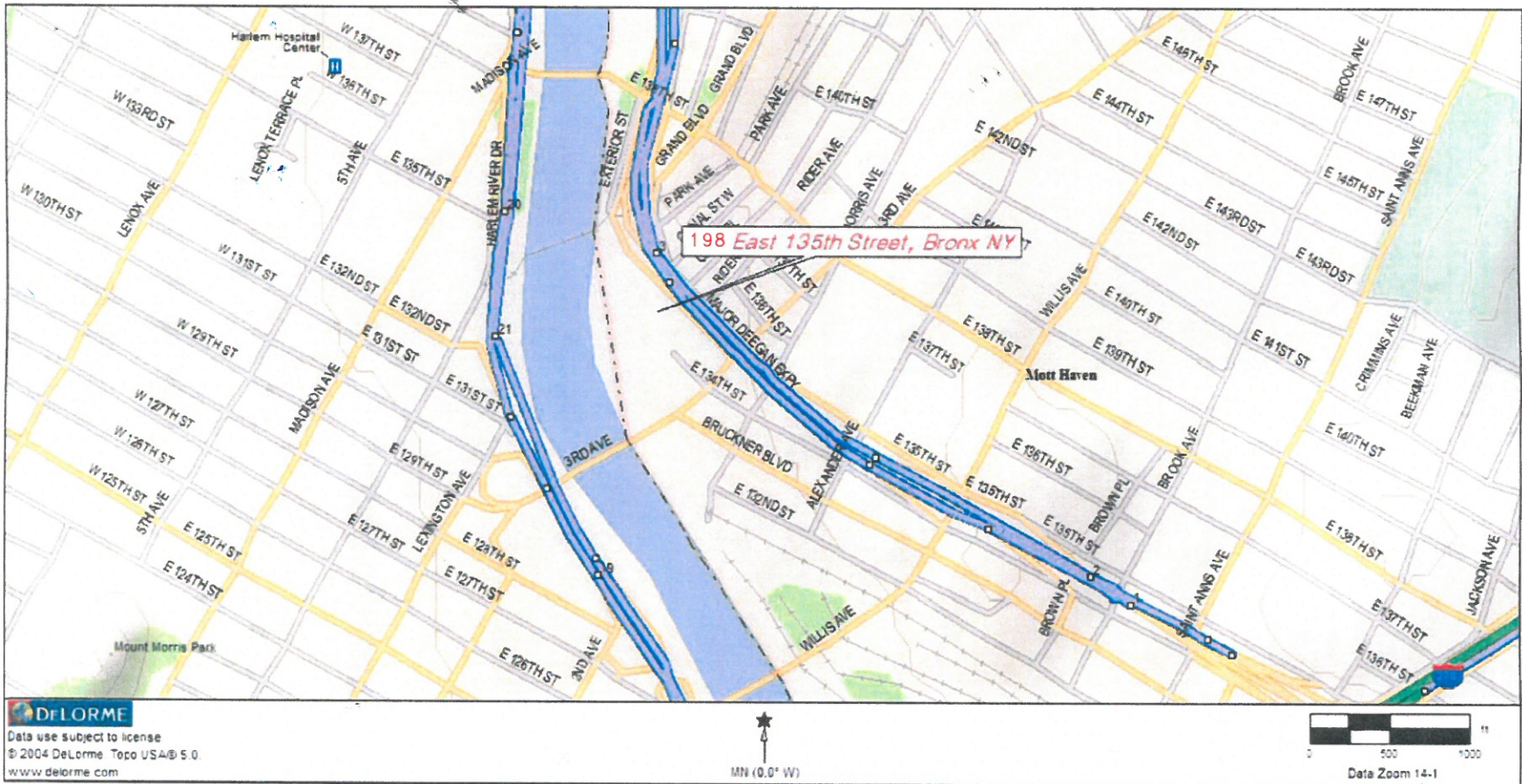
The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. **Hydro Tech Environmental, Corp.** does not accept responsibility for survey limitations due to inherent technological limitations or site specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey, and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.



# **FIGURES**



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HTE Job # 150133

Drawn By:	C.O.
Reviewed By:	
Approved By:	M.R.
Date:	09/11/15
Scale:	AS NOTED

TITLE:

FIGURE 1 SITE LOCATION MAP



ADJACENT  
MAJOR DEEGAN EXPRESSWAY

EAST 135th STREET

SIDEWALK

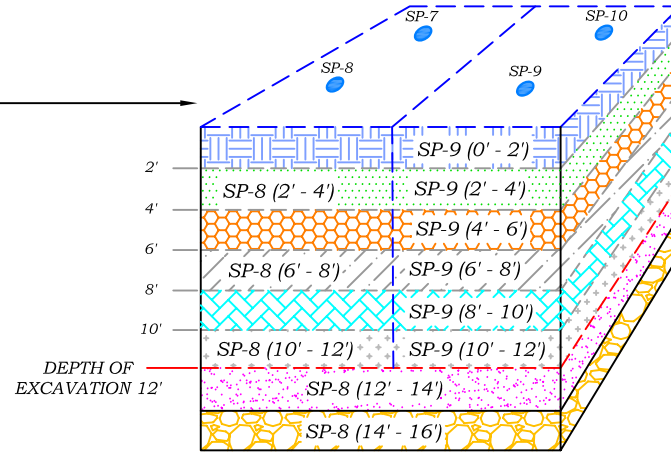
EXTENT OF  
AREA TO BE  
EXCAVATED TO  
12 FEET

ADJACENT 4-STORY  
COMMERCIAL

PROPERTY  
OUTLINE

ADJACENT 4-STORY  
COMMERCIAL

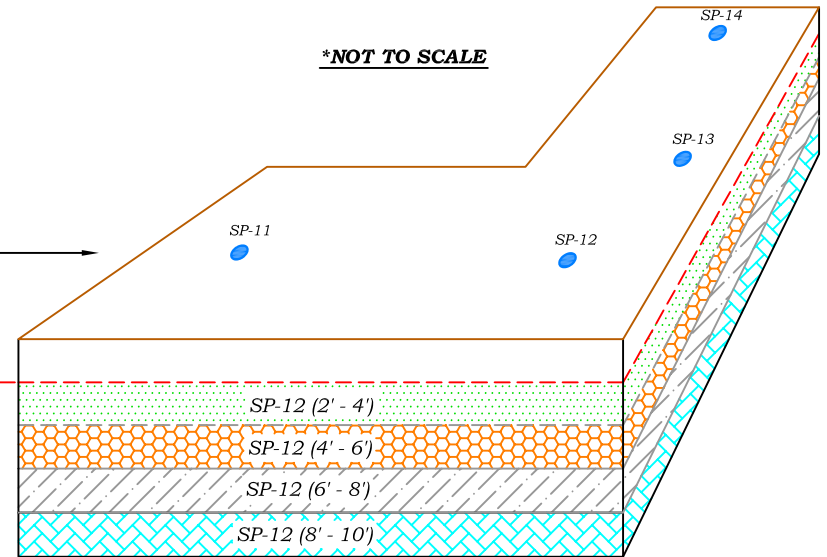
ADJACENT 5-STORY  
RESIDENTIAL



DEPTH OF  
EXCAVATION 12'

**\*NOT TO SCALE**

DEPTH OF  
EXCAVATION 2'



LEGEND:

- SOIL PROBE LOCATIONS (SP) - SEPTEMBER 2015
- SUPPLEMENTAL R.I. SOIL SAMPLE LOCATIONS
- ⊕ MONITORING WELL LOCATIONS (MW)



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Scale: AS NOTED

TITLE:

FIGURE 2: SAMPLING MAP OF SOIL PROBES AND MONITORING WELLS

ADJACENT  
MAJOR DEEGAN EXPRESSWAY

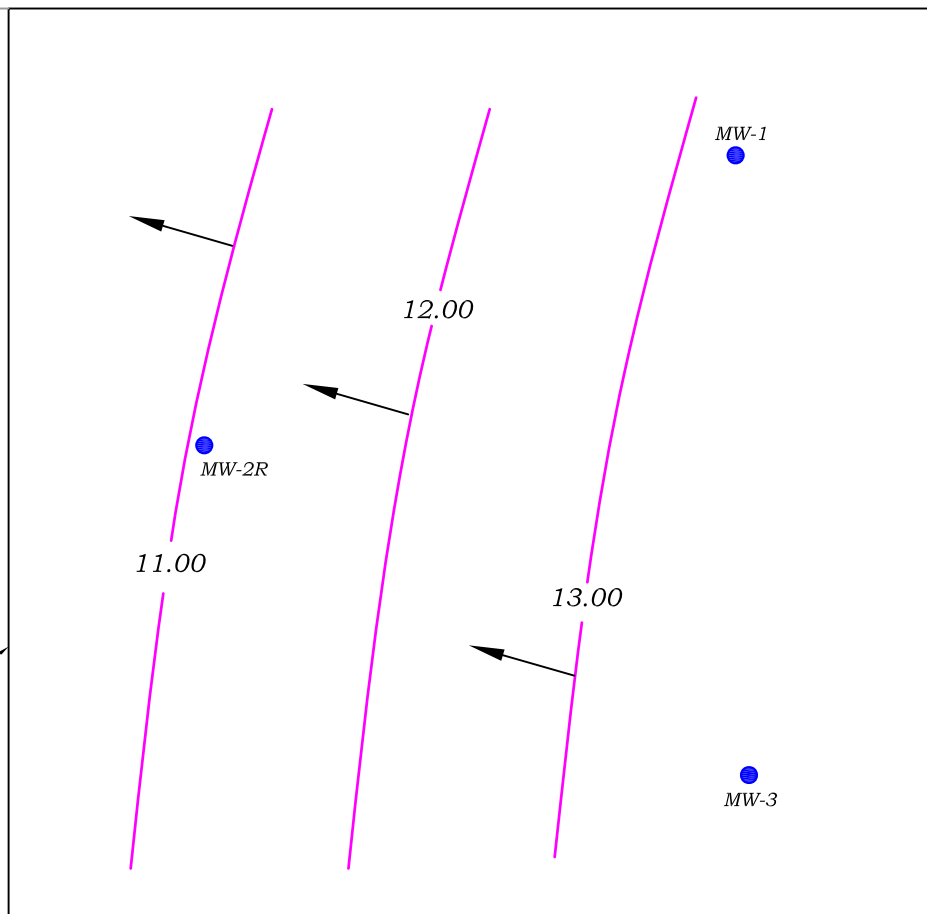


**EAST 135th STREET**

SIDEWALK

ADJACENT 4-STORY  
COMMERCIAL

PROPERTY  
OUTLINE

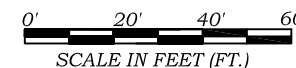


ADJACENT 4-STORY  
COMMERCIAL

LEGEND:

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

C.I. = 1.00 FEET	
Monitoring Well IDs	Groundwater Elevations
MW-1	13.48
MW-2R	11.09
MW-3	13.38



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 Reviewed By:  
 Approved By: M.R.  
 Date: 03/07/17  
 Scale: AS NOTED

TITLE:

FIGURE 3: GROUNDWATER FLOW CONTOUR MAP





SP-9 (2/2/17)										
Depth	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
4,4'-DDD	NAS	NAS	NAS	0.00380	NAS	NAS	NAS	NAS	0.0033	13
4,4'-DDE	NAS	NAS	NAS	0.00863	NAS	NAS	NAS	NAS	0.0033	8.9
4,4'-DDT	0.00750	NAS	NAS	0.0244	NAS	0.00322	NAS	NAS	0.0033	7.9
Aroclor 1254	0.0887	NAS	NAS	NAS	NAS	NAS	NAS	NAS	NS	NS

SP-10 (2/2/17)										
Depth	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
4,4'-DDE	NAS	0.00306	NAS	NAS	NAS	NAS	NAS	NAS	0.0033	8.9
4,4'-DDT	NAS	0.00211	NAS	NAS	NAS	NAS	NAS	NAS	0.0033	7.9

SP-7 (2/2/17)	
PESTICIDES	NAS

ADJACENT  
MAJOR DEEGAN EXPRESSWAY  
  
EAST 135th STREET

SIDEWALK

SP-14 (2/2/17)										
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO				
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg						
4,4'-DDD	0.00457	0.0124	NAS	NAS	0.0033	13				
4,4'-DDE	0.0123	0.0150	NAS	NAS	0.0033	8.9				
4,4'-DDT	0.0235	0.0185	NAS	NAS	0.0033	7.9				
alpha-Chlordane	0.00440	0.00302	NAS	NAS	0.94	4.2				
Dieldrin	0.00631	0.00241	NAS	NAS	0.005	0.2				
gamma-Chlordane	0.00442	NAS	NAS	NAS	NS	NS				

SP-5 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg		
4,4'-DDD	0.0285	ND	0.0033	13
4,4'-DDE	0.0357	ND	0.0033	8.9
4,4'-DDT	0.143	ND	0.0033	7.9
Aroclor 1248	0.069	ND	NS	NS

SP-8 (2/2/17)							
Depth	2'-4'	6'-8'	10'-12'	12'-14'	14'-16'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
4,4'-DDT	0.0126	NAS	NAS	NAS	NAS	0.0033	7.9
alpha-Chlordane	0.00344	NAS	NAS	NAS	NAS	0.094	4.2
Dieldrin	0.0148	NAS	NAS	NAS	NAS	0.005	0.2
gamma-Chlordane	0.00320	NAS	NAS	NAS	NAS	NS	NS
Aroclor 1260	0.069	NAS	NAS	NAS	NAS	NS	NS

SP-1 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg		
4,4'-DDD	0.046	ND	0.0033	13
4,4'-DDT	0.10	ND	0.0033	7.9
Aroclor 1260	0.082	ND	NS	NS

SP-2 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg		
Aroclor 1248	0.12	ND	NS	NS
Aroclor 1254	0.25	ND	NS	NS
Aroclor 1260	0.067	ND	NS	NS

ADJACENT 4-STORY  
COMMERCIAL

SP-13 (2/2/17)							
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO	
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg			
4,4'-DDD	NAS	0.0813	NAS	NAS	0.0033	13	
4,4'-DDE	0.00458	0.0365	NAS	NAS	0.0033	8.9	
4,4'-DDT	0.00629	0.0327	NAS	NAS	0.0033	7.9	
Aroclor 1248	NAS	0.0817	NAS	NAS	NS	NS	
Aroclor 1254	0.0404	NAS	NAS	NAS	NS	NS	

ADJACENT 5-STORY  
RESIDENTIAL

SP-4 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg		
4,4'-DDD	0.0948	0.00204	0.0033	13
4,4'-DDE	0.00176	0.00204	0.0033	8.9
4,4'-DDT	0.177	0.00204	0.0033	7.9
Aroclor 1254	0.60	ND	NS	NS
Aroclor 1260	0.13	ND	NS	NS

SP-11 (2/2/17)						
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
4,4'-DDD	0.00275	0.00812	0.00761	NAS	0.0033	13
4,4'-DDE	NAS	0.0351	0.0214	NAS	0.0033	8.9
4,4'-DDT	0.00251	0.00639	0.159	0.0131	0.0033	7.9
alpha-Chlordane	NAS	NAS	0.0120	0.00330	0.94	4.2
Chlordane	NAS	NAS	0.0623	NAS	NS	NS
Dieldrin	NAS	NAS	0.00543	0.00424	0.005	0.2
gamma-Chlordane	NAS	NAS	0.0101	0.00364	NS	NS
Aroclor 1260	NAS	NAS	0.0254	0.0550	NS	NS

PROPERTY-  
OUTLINE

ADJACENT 4-STORY  
COMMERCIAL

SP-12 (2/2/17)						
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
4,4'-DDE	NAS	NAS	0.00378	NAS	0.0033	8.9
4,4'-DDT	0.00358	0.0119	0.0153	NAS	0.0033	7.9
Aroclor 1254	0.0365	0.701	NAS	NAS	NS	NS

SP-3 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg		
4,4'-DDD	0.0519	0.00224	0.0033	13
4,4'-DDE	ND	0.00453	0.0033	8.9
4,4'-DDT	0.107	0.00386	0.0033	7.9
Aroclor 1260	0.11	ND	NS	NS

SP-6 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
PESTICIDES	mg/Kg	mg/Kg		
Aroclor 1260	0.069	ND	NS	NS

LEGEND:

- SOIL PROBE LOCATIONS (SP) - SEPTEMBER 2015
- SUPPLEMENTAL R.I. SOIL SAMPLE LOCATIONS (SP)
- mg/Kg MILLIGRAMS PER KILOGRAM
- RSCO RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- NS NO STANDARD
- NAS NONE ABOVE STANDARDS
- ND NONE DETECTED
- BLUE SHADED VALUES EXCEED USCO

0' 20' 40' 60'  
SCALE IN FEET (FT.)



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198 East 135th Street  
Bronx, NY.  
HTE Job # 150213

Drawn By: C.Q.  
Reviewed By: A.J.  
Approved By: M.R.  
Date: 03/16/17  
Scale: AS NOTED

TITLE:

FIGURE 5: MAP OF PESTICIDES IN SOIL SAMPLES



SP-7 (2/2/17)							
Depth	2'-4'	6'-8'	10'-12'	12'-14'	14'-16'	USCO	RSCO
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Arsenic	NAS	NAS	NAS	NAS	18.8	13	16
Copper	NAS	NAS	54,200	NAS	256	50	270
Lead	NAS	NAS	NAS	NAS	387	63	400
Mercury	NAS	NAS	NAS	NAS	3.05	0.18	0.81
Nickel	NAS	NAS	31,330	NAS	31.60	30	110
Silver	NAS	NAS	NAS	NAS	4,590	3.9	180
Zinc	NAS	NAS	NAS	NAS	526	109	10,000

SP-9 (2/2/17)										
Depth	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	USCO	RSCO
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Barium	395	NAS	NAS	NAS	NAS	NAS	NAS	NAS	350	400
Copper	89.9	79.6	92,400	NAS	NAS	70,200	NAS	NAS	50	270
Lead	208	119	145	94,200	NAS	69	NAS	NAS	63	400
Mercury	0.435	0.374	0.269	0.181	NAS	NAS	NAS	NAS	0.18	0.81
Nickel	NAS	NAS	NAS	NAS	58.0	NAS	NAS	NAS	30	110
Selenium	NAS	NAS	NAS	NAS	11,900	4,330	NAS	NAS	3.9	180
Zinc	274	151	139	418	NAS	NAS	NAS	NAS	109	10,000

SP-10 (2/1/17)										
Depth	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	USCO	RSCO
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Barium	NAS	890	NAS	NAS	NAS	NAS	NAS	NAS	350	400
Copper	96.7	172	NAS	53.5	NAS	NAS	NAS	NAS	50	270
Lead	239	820	NAS	389	NAS	NAS	NAS	NAS	63	400
Mercury	0.456	0.236	0.299	1.10	NAS	NAS	NAS	NAS	0.18	0.81
Zinc	282	388	NAS	235	NAS	NAS	NAS	NAS	109	10,000

SP-14 (2/2/17)							
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO	
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg			
Barium	1,010	NAS	NAS	NAS	350	400	
Cadmium	NAS	NAS	NAS	NAS	2.5	4.3	
Copper	NAS	116	760	NAS	50	270	
Lead	869	541	1,020	NAS	63	400	
Mercury	0.556	0.750	0.341	NAS	0.18	0.81	
Nickel	NAS	32.00	NAS	NAS	30	110	
Selenium	NAS	NAS	5.09	NAS	3.9	180	
Zinc	617	495	NAS	NAS	109	10,000	

SP-5 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Barium	635	NAS	350	350
Copper	105	NAS	50	270
Lead	618	NAS	63	400
Selenium	NAS	12.70	3.9	36
Zinc	417	NAS	109	2,200

SP-1 (6/11/15)			
Depth	0'-2'	10'-12'	USCO
METALS	mg/Kg	mg/Kg	
Copper	80.60	NAS	50
Lead	251	NAS	63
Zinc	338	NAS	109

SP-8 (2/2/17)							
Depth	2'-4'	6'-8'	10'-12'	12'-14'	14'-16'	USCO	RSCO
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Barium	420	NAS	NAS	NAS	NAS	350	400
Copper	83,800	NAS	NAS	NAS	NAS	50	270
Lead	297	156	NAS	127	225	63	400
Mercury	0.557	NAS	NAS	0.240	0.18	0.18	0.81
Nickel	NAS	NAS	4,240	NAS	NAS	30	110
Zinc	358	NAS	NAS	132	109	10,000	

SP-13 (2/2/17)							
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO	
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg			
Barium	NAS	809	NAS	NAS	350	400	
Cadmium	NAS	2.67	NAS	NAS	2.5	4.3	
Copper	75.1	76	395	NAS	50	270	
Lead	232	754	NAS	NAS	63	400	
Mercury	0.532	0.812	NAS	NAS	0.18	0.81	
Nickel	NAS	57.40	42.70	NAS	30	110	
Selenium	NAS	5.65	11	9.75	3.9	180	
Zinc	271	20,600	815	199	109	10,000	

SP-2 (6/11/15)			
Depth	0'-2'	10'-12'	USCO
METALS	mg/Kg	mg/Kg	
Copper	158	NAS	50
Lead	313	NAS	63
Mercury	0.28	NAS	0.18
Nickel	NAS	44.30	44.30
Selenium	NAS	4.44	3.9
Zinc	302	NAS	109

SP-4 (6/11/15)			
Depth	0'-2'	10'-12'	USCO
METALS	mg/Kg	mg/Kg	
Copper	85.40	NAS	50
Lead	278	NAS	63
Mercury	0.32	NAS	0.18
Zinc	345	NAS	109

SP-11 (2/1/17)						
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Barium	NAS	761	755	NAS	350	400
Copper	NAS	57,200	NAS	54,500	50	270
Lead	NAS	913	424	490	63	400
Mercury	0.251	0.515	0.481	0.378	0.18	0.81
Zinc	NAS	391	502	529	109	10,000

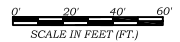
SP-3 (6/11/15)				
Depth	0'-2'	10'-12'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Barium	378	NAS	350	350
Copper	103	NAS	50	270
Lead	286	NAS	63	400
Mercury	0.36	NAS	0.18	0.81
Selenium	NAS	4.18	3.9	36
Zinc	497	NAS	109	2,200

SP-6 (6/11/15)			
Depth	0'-2'	10'-12'	USCO
METALS	mg/Kg	mg/Kg	
Copper	121	NAS	50
Lead	227	NAS	63
Mercury	0.27	NAS	0.18
Zinc	321	NAS	109

SP-12 (2/2/17)						
Depth	2'-4'	4'-6'	6'-8'	8'-10'	USCO	RSCO
METALS	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Arsenic	NAS	NAS	18,300	NAS	13	16
Copper	NAS	NAS	115	NAS	50	270
Lead	87.8	85.4	306	NAS	63	400
Manganese	NAS	NAS	NAS	2,670	1,600	2,000
Mercury	0.346	0.333	6,604	NAS	0.18	0.81
Nickel	NAS	NAS	NAS	49,200	30	110
Silver	NAS	NAS	4.45	21	3.9	180
Zinc	NAS	215	293	NAS	109	10,000

LEGEND:

- SOIL PROBE LOCATIONS (SP) - SEPTEMBER 2015
- SUPPLEMENTAL R.I. SOIL SAMPLE LOCATIONS (SP)
- mg/Kg MILLIGRAMS PER KILOGRAM
- RSCO RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- NS NO STANDARD
- NAS NONE ABOVE STANDARDS
- ND NONE DETECTED
- YELLOW SHADED VALUES EXCEED RSCO
- BLUE SHADED VALUES EXCEED USCO



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 Approved By: M.R.  
 Date: 03/16/17  
 Scale: AS NOTED

TITLE:

FIGURE 5: MAP OF METALS IN SOIL SAMPLES

# **TABLES**



**Table 3 - Groundwater Monitoring Data - January 2017**

**BCP Site #C203084**

**198 East 135th Street, Bronx**

Well ID	Benchmark	Shot	DTP	DTW	Water Table Elevation (ft)
MW-1	30	7.42	ND	9.1	13.48
MW-2R	30	4.24	ND	14.67	11.09
MW-3	30	6.38	ND	10.24	13.38

*feet above mean sea level NAVD-88 Datum*

*= Depth to Product*

*/ = Depth to Water*

*) = Not Detected*

















Table 7 - Soil Sample Analytical Results for Metals

BCP Site #C203084

198 East 135th Street, Bronx

Sample ID	SP-10 (10'-12')		SP-10 (12'-14')		SP-10 (14'-16')		SP-11 (2'-4')		SP-11 (4'-6')		SP-11 (6'-8')		SP-11 (8'-10')		SP-12 (2'-4')		SP-12 (4'-6')		SP-12 (6'-8')		SP-12 (8'-10')		SP-13 (2'-4')		SP-13 (4'-6')		SP-13 (6'-8')		SP-13 (8'-10')		SP-14 (2'-4')		SP-14 (4'-6')		SP-14 (6'-8')		SP-14 (8'-10')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Sampling Date	2/1/2017		2/1/2017		2/1/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		2/2/2017		mg/kg	mg/kg		
Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				mg/kg	mg/kg
Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	mg/kg				
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			mg/kg	mg/kg		
Aluminum	5700		5690		5850		6150		5690		4160		7180		5790		2580		2710		4500		4540		3680		2950		5130		3850		4730		5160		4480		NS	NS
Antimony	<0.574	U	<0.608	U	<0.871	U	<0.559	U	<0.57	U	<0.555	U	<0.565	U	<0.553	U	<0.551	U	<0.55	U	<0.557	U	<0.573	U	7		<0.553	U	<0.606	U	<0.589	U	<0.623	U	<0.594	U	<0.607	U	NS	NS
Arsenic	1		<1.22	U	6		2		2		4		3		2		3		16		<1.11	U	5		10		7		<1.21	U	3		4		<1.19	U	<1.21	U	13	16
Barium	16		20		30		74		761		755		182		72		56		135		81		309		809		25		48		1010		344		33		18		350	400
Beryllium	0		0		0		0		<0.114	U	<0.111	U	<0.113	U	0		<0.11	U	0		<0.111	U	<0.115	U	0		<0.111	U	<0.121	U	<0.118	U	<0.125	U	<0.119	U	0		7.2	72
Cadmium	<0.345	U	<0.365	U	<0.523	U	<0.335	U	0		1		2		<0.332	U	<0.331	U	1		2		1		3		1		<0.364	U	1		2		<0.357	U	<0.364	U	2.5	4.3
Calcium	620		11900		4720		21300		27000		40600		28300		12100		46600		12900		10100		57500		4150		1580		2060		42500		22800		3680		1750		NS	NS
Chromium	9		7		9		12		34		12		20		12		6		10		30		13		27		12		7		14		19		11		6		NS	NS
Cobalt	5		3		5		6		5		5		8		6		3		5		52		5		12		26		13		5		5		14		3		NS	NS
Copper	7		6		8		32		57		38		55		43		29		115		21		75		175		395		10		44		116		160		4		50	270
Cyanide, total	<0.574	U	<0.608	U	<0.871	U	<0.559	U	<0.57	U	1		1		<0.553	U	<0.551	U	<0.55	U	<0.557	U	<0.573	U	<0.602	U	<0.553	U	<0.606	U	<0.589	U	<0.623	U	<0.594	U	<0.607	U	27	27
Iron	10600		8940		15000		12700		12600		18800		18200		12300		5510		27600		226000	D	12800		49400	D	102000	D	71900	D	8200		14200		41600	D	7830		NS	NS
Lead	4		4		16		45		913		424		490		88		85		306		35		252		754		39		56		869		541		1020		4		63	400
Magnesium	2070		6680		2870		6270		5040		6140		12800		5350		11700		2960		1980		16700		1300		362		920		6470		3530		2040		1590		NS	NS
Manganese	99		96		164		227		202		226		314		208		138		171		2670	D	199		282		602		324		121		125		369		126		1600	2000
Mercury	<0.0547		<0.0365	U	<0.0523	U	0		1		0		0		0		0		1		0		1		1		0		0		1		1		0		<0.0364	U	0.18	0.81
Nickel	12		8		11		18		17		16		25		18		11		16		49		15		57		43		17		12		32		22		8		30	310
Potassium	755		626		986		2180		1440		1290		1820		1290		625		509		235		1060		426		291		507		729		575		631		483		NS	NS
Selenium	<1.15	U	<1.22	U	<1.74	U	<1.12	U	<1.14	U	2		<1.13	U	<1.11	U	<1.1	U	4		21		<1.15	U	6		11		10		<1.18	U	2		5		<1.21	U	3.9	180
Silver	<0.574	U	<0.608	U	<0.871	U	<0.559	U	<0.57	U	<0.555	U	<0.565	U	<0.553	U	<0.551	U	<0.55	U	<0.557	U	<0.573	U	<0.602	U	<0.553	U	<0.606	U	<0.589	U	<0.623	U	<0.594	U	<0.607	U	2	180
Sodium	120		196		401		267		384		261		272		220		205		226		180		231		268		119		199		311		240		199		115		NS	NS
Thallium	<1.15	U	<1.22	U	<1.74	U	<1.12	U	<1.14	U	<1.11	U	<1.13	U	<1.11	U	<1.1	U	<1.1	U	<1.11	U	<1.15	U	<1.2	U	<1.11	U	<1.21	U	<1.18	U	<1.25	U	<1.19	U	<1.21	U	NS	NS
Vanadium	11		11		20		18		32		29		46		17		23		38		139		27		213		50		21		25		96		24		8		NS	NS
Zinc	23		19		26		70		391		502		529		105		215		293		31		271		20600	D	815		199		617		495		82		16		109	10000

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

ND=this indicates that total concentrations was not detected

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

NS=No Standard

samples exceeding NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

samples exceeding NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Table 8 - Groundwater Samples Analytical Results for Volatile Organic Compounds  
 NYSDEC BCP #C203084

198 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2R		MW-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	2/3/2017		2/3/2017		2/3/2017		
Matrix	Groundwater		Groundwater		Groundwater		
Unit	ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	ug/L
1,1,1,2-Tetrachloroethane	<0.2	U	<0.2	U	<0.2	U	5
1,1,1-Trichloroethane	<0.2	U	<0.2	U	<0.2	U	5
1,1,2,2-Tetrachloroethane	<0.2	U	<0.2	U	<0.2	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.2	U	<0.2	U	<0.2	U	5
1,1,2-Trichloroethane	<0.2	U	<0.2	U	<0.2	U	1
1,1-Dichloroethane	<0.2	U	<0.2	U	<0.2	U	5
1,1-Dichloroethylene	<0.2	U	<0.2	U	<0.2	U	5
1,1-Dichloropropylene	<0.2	U	<0.2	U	<0.2	U	5
1,2,3-Trichlorobenzene	<0.2	U	<0.2	U	<0.2	U	5
1,2,3-Trichloropropane	<0.2	U	<0.2	U	<0.2	U	0.04
1,2,4,5-Tetramethylbenzene	<0.2	U	<0.2	U	<0.2	U	NS
1,2,4-Trichlorobenzene	<0.8	U	<0.8	U	<0.8	U	5
1,2,4-Trimethylbenzene	<0.2	U	<0.2	U	<0.2	U	5
1,2-Dibromo-3-chloropropane	<0.2	U	<0.2	U	<0.2	U	0.04
1,2-Dibromoethane	<0.2	U	<0.2	U	<0.2	U	0.0006
1,2-Dichlorobenzene	<0.2	U	<0.2	U	<0.2	U	3
1,2-Dichloroethane	<0.2	U	<0.2	U	<0.2	U	0.6
1,2-Dichloropropane	<0.2	U	<0.2	U	<0.2	U	1
1,3,5-Trimethylbenzene	<0.2	U	<0.2	U	<0.2	U	5
1,3-Dichlorobenzene	<0.2	U	<0.2	U	<0.2	U	3
1,3-Dichloropropane	<0.2	U	<0.2	U	<0.2	U	5
1,4-Dichlorobenzene	<0.2	U	<0.2	U	<0.2	U	3
2,2-Dichloropropane	<0.2	U	<0.2	U	<0.2	U	5
2-Butanone	<0.8	U	<0.8	U	<0.8	U	50
2-Chlorotoluene	<0.2	U	<0.2	U	<0.2	U	5
2-Hexanone	<0.2	U	<0.2	U	<0.2	U	50
4-Chlorotoluene	<0.2	U	<0.2	U	<0.2	U	5
4-Methyl-2-pentanone	<0.2	U	<0.2	U	<0.2	U	NS
Acetone	<1	U	1.10	J	<1	U	50
Benzene	<0.2	U	<0.2	U	<0.2	U	1
Bromobenzene	<0.2	U	<0.2	U	<0.2	U	5
Bromochloromethane	<0.2	U	<0.2	U	<0.2	U	5
Bromodichloromethane	<0.2	U	<0.2	U	<0.2	U	50
Bromoform	<0.2	U	<0.2	U	<0.2	U	50
Bromomethane	<0.8	U	<0.8	U	0.95	J	5
Carbon disulfide	0.45	J	<0.2	U	1.40		NS
Carbon tetrachloride	<0.2	U	<0.2	U	<0.2	U	5
Chlorobenzene	<0.2	U	<0.2	U	<0.2	U	5
Chloroethane	<0.8	U	<0.8	U	<0.8	U	5
Chloroform	<0.2	U	<0.2	U	<0.2	U	7
Chloromethane	<0.2	U	<0.2	U	<0.2	U	5
cis-1,2-Dichloroethylene	0.38	J	<0.2	U	<0.2	U	5
cis-1,3-Dichloropropylene	<0.2	U	<0.2	U	<0.2	U	0.4
Dibromochloromethane	<0.2	U	<0.2	U	<0.2	U	50
Dibromomethane	<0.2	U	<0.2	U	<0.2	U	NS
Dichlorodifluoromethane	<0.2	U	<0.2	U	<0.2	U	5
Ethyl Benzene	<0.2	U	<0.2	U	<0.2	U	5
Hexachlorobutadiene	<0.2	U	<0.2	U	<0.2	U	0.5
Isopropylbenzene	<0.2	U	<0.2	U	<0.2	U	5
Methyl tert-butyl ether (MTBE)	1.9		<0.2	U	0.63		10
Methylene chloride	<1	U	<1	U	<1	U	5
Naphthalene	<1	U	<1	U	<1	U	10
n-Butylbenzene	<0.2	U	<0.2	U	<0.2	U	5
n-Propylbenzene	<0.2	U	<0.2	U	<0.2	U	5
o-Xylene	<0.2	U	<0.2	U	<0.2	U	5
p- & m- Xylenes	<0.5	U	<0.5	U	<0.5	U	5
p-Diethylbenzene	<0.2	U	<0.2	U	<0.2	U	NS
p-Ethyltoluene	<0.2	U	<0.2	U	<0.2	U	NS
p-Isopropyltoluene	<0.2	U	<0.2	U	<0.2	U	5
sec-Butylbenzene	<0.2	U	<0.2	U	<0.2	U	5
Styrene	<0.2	U	<0.2	U	<0.2	U	5
tert-Butylbenzene	<0.2	U	<0.2	U	<0.2	U	5
Tetrachloroethylene	<0.8	U	<0.8	U	<0.8	U	5
Toluene	<0.2	U	<0.2	U	<0.2	U	5
trans-1,2-Dichloroethylene	<0.2	U	<0.2	U	<0.2	U	5
trans-1,3-Dichloropropylene	<0.2	U	<0.2	U	<0.2	U	0.4
Trichloroethylene	<0.2	U	<0.2	U	<0.2	U	5
Trichlorofluoromethane	<0.2	U	<0.2	U	<0.2	U	5
Vinyl Chloride	<0.2	U	<0.2	U	<0.2	U	2
Xylenes, Total	<0.6	U	<0.6	U	<0.6	U	5
Tentatively Identified Compounds	33		36		53		NS
Total VOCs	2.73		1.10		2.98		NS

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

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

S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.

NS...No Standard

ND...not detected

ug/L...micrograms per Liter

Table 9 - Groundwater Samples Analytical Results for Semi-Volatile Organic Compounds

NYSDEC BCP #C203084

198 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2R		MW-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	2/3/2017		2/3/2017		2/3/2017		
Matrix	Groundwater		Groundwater		Groundwater		
Unit	ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	ug/L
1,2,4-Trichlorobenzene	<2.5	U	<2.56	U	<2.63	U	5
1,2-Dichlorobenzene	<2.5	U	<2.56	U	<2.63	U	3
1,3-Dichlorobenzene	<2.5	U	<2.56	U	<2.63	U	3
1,4-Dichlorobenzene	<2.5	U	<2.56	U	<2.63	U	3
2,4,5-Trichlorophenol	<2.5	U	<2.56	U	<2.63	U	1
2,4,6-Trichlorophenol	<2.5	U	<2.56	U	<2.63	U	1
2,4-Dichlorophenol	<2.5	U	<2.56	U	<2.63	U	5
2,4-Dimethylphenol	<2.5	U	<2.56	U	<2.63	U	50
2,4-Dinitrophenol	<2.5	U	<2.56	U	<2.63	U	10
2,4-Dinitrotoluene	<2.5	U	<2.56	U	<2.63	U	5
2,6-Dinitrotoluene	<2.5	U	<2.56	U	<2.63	U	5
2-Chloronaphthalene	<2.5	U	<2.56	U	<2.63	U	10
2-Chlorophenol	<2.5	U	<2.56	U	<2.63	U	1
2-Methylnaphthalene	<2.5	U	<2.56	U	<2.63	U	NS
2-Methylphenol	<2.5	U	<2.56	U	<2.63	U	1
2-Nitroaniline	<2.5	U	<2.56	U	<2.63	U	5
2-Nitrophenol	<2.5	U	<2.56	U	<2.63	U	1
3- & 4-Methylphenols	<2.5	U	<2.56	U	<2.63	U	NS
3,3-Dichlorobenzidine	<2.5	U	<2.56	U	<2.63	U	5
3-Nitroaniline	<2.5	U	<2.56	U	<2.63	U	5
4,6-Dinitro-2-methylphenol	<2.5	U	<2.56	U	<2.63	U	NS
4-Bromophenyl phenyl ether	<2.5	U	<2.56	U	<2.63	U	NS
4-Chloro-3-methylphenol	<2.5	U	<2.56	U	<2.63	U	1
4-Chloroaniline	<2.5	U	<2.56	U	<2.63	U	5
4-Chlorophenyl phenyl ether	<2.5	U	<2.56	U	<2.63	U	NS
4-Nitroaniline	<2.5	U	<2.56	U	<2.63	U	5
4-Nitrophenol	<2.5	U	<2.56	U	<2.63	U	1
Acenaphthene	<0.05	U	0.0615		<0.0526	U	20
Acenaphthylene	<0.05	U	<0.0513	U	<0.0526	U	NS
Aniline	<2.5	U	<2.56	U	<2.63	U	5
Anthracene	0.06		0.0821		<0.0526	U	50
Benzo(a)anthracene	<0.05	U	<0.0513	U	<0.0526	U	0.002
Benzo(a)pyrene	<0.05	U	<0.0513	U	<0.0526	U	0.002
Benzo(b)fluoranthene	<0.05	U	<0.0513	U	<0.0526	U	0.002
Benzo(g,h,i)perylene	<0.05	U	<0.0513	U	<0.0526	U	NS
Benzo(k)fluoranthene	<0.05	U	<0.0513	U	<0.0526	U	0.002
Benzyl alcohol	<2.5	U	<2.56	U	<2.63	U	NS
Benzyl butyl phthalate	<2.5	U	<2.56	U	<2.63	U	50
Bis(2-chloroethoxy)methane	<2.5	U	<2.56	U	<2.63	U	5
Bis(2-chloroethyl)ether	<2.5	U	<2.56	U	<2.63	U	1
Bis(2-chloroisopropyl)ether	<2.5	U	<2.56	U	<2.63	U	5
Bis(2-ethylhexyl)phthalate	<0.5	U	14.6		<0.526	U	5
Chrysene	<0.05	U	<0.0513	U	<0.0526	U	0.002
Dibenzo(a,h)anthracene	<0.05	U	<0.0513	U	<0.0526	U	NS
Dibenzofuran	<2.5	U	<2.56	U	<2.63	U	NS
Diethyl phthalate	<2.5	U	<2.56	U	<2.63	U	50
Dimethyl phthalate	<2.5	U	<2.56	U	<2.63	U	50
Di-n-butyl phthalate	<2.5	U	<2.56	U	<2.63	U	50
Di-n-octyl phthalate	<2.5	U	<2.56	U	<2.63	U	50
Fluoranthene	<0.05	U	0.0513	J	<0.0526	U	50
Fluorene	<0.05	U	<0.0513	U	<0.0526	U	50
Hexachlorobenzene	<0.02	U	<0.0205	U	<0.0211	U	0.04
Hexachlorobutadiene	<0.5	U	<0.513	U	<0.526	U	0.5
Hexachlorocyclopentadiene	<2.5	U	<2.56	U	<2.63	U	5
Hexachloroethane	<0.5	U	<0.513	U	<0.526	U	5
Indeno(1,2,3-cd)pyrene	<0.05	U	<0.0513	U	<0.0526	U	0.002
Isophorone	<2.5	U	<2.56	U	<2.63	U	50
Naphthalene	<0.05	U	0.0513	J	0.0947		10
Nitrobenzene	<0.25	U	<0.256	U	<0.263	U	0.4
N-Nitrosodimethylamine	<0.5	U	<0.513	U	<0.526	U	NS
N-nitroso-di-n-propylamine	<2.5	U	<2.56	U	<2.63	U	NS
N-Nitrosodiphenylamine	<2.5	U	<2.56	U	<2.63	U	50
Pentachlorophenol	<0.25	U	<0.256	U	<0.263	U	1
Phenanthrene	<0.05	U	0.0718		<0.0526	U	50
Phenol	<2.5	U	<2.56	U	<2.63	U	1
Pyrene	<0.05	U	0.0513	J	<0.0526	U	50
Pyridine	<2.5	U	<2.56	U	<2.63	U	50
Tentatively Identified Compounds	ND		ND		ND		NS
Total SVOCs	0.06		14.97		0.09		NS

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

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

S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.

NS...No Standard

ND...not detected

ug/L...micrograms per Liter

samples exceeding the Groundwater Quality Standard (GQS)

**Table 10 - Groundwater Samples Analytical Results for Pesticides and Polychlorinated Biphenyls**  
**NYSDEC BCP #C203084**  
**198 East 135th Street, Bronx, New York**

Sample ID	MW-1		MW-2R		MW-3		Field Blank-1		Field Blank-2		Field Blank-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	2/3/2017		2/3/2017		2/3/2017		2/3/2017		2/3/2017		2/3/2017		
Matrix	Groundwater		Groundwater		Groundwater		Blank		Blank		Blank		
Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	ug/L
<b>Pesticides</b>													
4,4'-DDD	<0.0041	U	<b>0.0138</b>		<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.3
4,4'-DDE	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.2
4,4'-DDT	<0.0041	U	<b>0.00868</b>		<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.2
Aldrin	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	NS
alpha-BHC	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.01
alpha-Chlordane	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	NS
beta-BHC	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.04
Chlordane, total	<0.0205	U	<0.0205	U	<0.02	U	<0.0216	U	<0.0211	U	<0.025	U	0.05
delta-BHC	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.04
Dieldrin	<0.00205	U	<0.00205	U	<0.002	U	<0.00216	U	<0.00211	U	<0.0025	U	0.004
Endosulfan I	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	NS
Endosulfan II	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	NS
Endosulfan sulfate	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	NS
Endrin	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	NS
Endrin aldehyde	<0.0103	U	<0.0103	U	<0.01	U	<0.0108	U	<0.0105	U	<0.0125	U	5
Endrin ketone	<0.0103	U	<0.0103	U	<0.01	U	<0.0108	U	<0.0105	U	<0.0125	U	5
gamma-BHC (Lindane)	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.05
gamma-Chlordane	<0.0103	U	<0.0103	U	<0.01	U	<0.0108	U	<0.0105	U	<0.0125	U	NS
Heptachlor	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.04
Heptachlor epoxide	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	0.03
Methoxychlor	<0.0041	U	<0.0041	U	<0.004	U	<0.00432	U	<0.00421	U	<0.005	U	35
Toxaphene	<0.103	U	<0.103	U	<0.1	U	<0.108	U	<0.105	U	<0.125	U	0.06
<b>Polychlorinated Biphenyls (PCB)</b>													
Aroclor 1016	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1221	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1232	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1242	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1248	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1254	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1260	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	NS
Total PCBs	<0.0513	U	<0.0513	U	<0.05	U	<0.0541	U	<0.0526	U	<0.0625	U	0.09

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

S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.

NS...No Standard

ND...not detected

ug/L...micrograms per Liter

Table 11 - Groundwater Samples Analytical Results for Metals

NYSDEC BCP #C203084

198 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2R		MW-3		Field Blank-1		Field Blank-2		Field Blank-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	2/3/2017		2/3/2017		2/3/2017		2/3/2017		2/3/2017		2/3/2017		
Matrix	Groundwater		Groundwater		Groundwater		Blank		Blank		Blank		
Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	ug/L
Metals, Undissolved													
Aluminum	<50	U	125		<50	U	<50	U	<50	U	<50	U	NS
Antimony	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	3
Arsenic	4	D	3	D	<2.22	U	<2.22	U	<2.22	U	<2.22	U	25
Barium	69		130		25		<10	U	<10	U	<10	U	1000
Beryllium	1	D	<0.667	U	1	D	<0.667	U	<0.667	U	<0.667	U	3
Cadmium	<1.11	U	<1.11	U	<1.11	U	<1.11	U	<1.11	U	<1.11	U	5
Calcium	167000		211000		79400		138		74		<50	U	NS
Chromium	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	50
Copper	3		4		<3	U	<3	U	<3	U	<3	U	200
Cyanide, total	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	200
Iron	110		2690		5510		<20	U	<20	U	<20	U	NS
Lead	4		13		<3	U	<3	U	<3	U	<3	U	25
Magnesium	22500		38400		24100		<50	U	<50	U	<50	U	35000
Manganese	362		973		1030		<5	U	<5	U	<5	U	300
Mercury	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.7
Molybdenum	2	D	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	NS
Nickel	7		7		6		7		7		7		100
Potassium	14000		17700		29300		<50	U	<50	U	<50	U	NS
Selenium	14	D	11	D	13	D	6	D	3	D	<2.22	U	10
Silver	<5	U	<5	U	<5	U	<5	U	<	U	<5	U	50
Sodium	119000		83800		257000		594		514		503		20000
Thallium	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	NS
Vanadium	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	NS
Zinc	17		18		12		<10	U	20		<10	U	2000
Metals, Dissolved													
Aluminum	<55.6	U	<55.6	U	<55.6	U	<55.6	U	<55.6	U	<55.6	U	NS
Antimony	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	3
Arsenic	<2.22	U	<2.22	U	2	D	<2.22	U	<2.22	U	<2.22	U	25
Barium	78		129		<11.1	U	<11.1	U	<11.1	U	<11.1	U	1000
Beryllium	1	D	1	D	1	D	0	D	1	D	1	D	3
Cadmium	<1.11	U	<1.11	U	<1.11	U	<1.11	U	<1.11	U	<1.11	U	5
Calcium	181000		228000		85400		76		<55.6	U	67		NS
Chromium	<5.56	U	<5.56	U	<5.56	U	<5.56	U	<5.56	U	<5.56	U	50
Copper	6		5		4		<3.33	U	<3.33	U	<3.33	U	200
Iron	37		33		49		40		24		22		NS
Lead	<3.33	U	<3.33	U	<3.33	U	<3.33	U	<3.33	U	<3.33	U	25
Magnesium	24400		39900		25700		<55.6	U	<55.6	U	<55.6	U	35000
Manganese	398		1040		1060		<5.56	U	<5.56	U	<5.56	U	300
Mercury	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.7
Molybdenum	2	D	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	NS
Nickel	9		9		6		9		8		9		100
Potassium	15500		19300		32200		98		83		59		NS
Selenium	12	D	10	D	12	D	3	D	3	D	<2.22	U	10
Silver	<5.56	U	<5.56	U	<5.56	U	<5.56	U	<5.56	U	<5.56	U	50
Sodium	122000		87100		269000		746		629		659		20000
Thallium	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	<2.22	U	NS
Vanadium	<11.1	U	<11.1	U	<11.1	U	<11.1	U	<11.1	U	<11.1	U	NS
Zinc	20		14		<11.1	U	12		<11.1	U	<11.1	U	2000

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

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

S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.

NS...No Standard

ND...not detected

ug/L...micrograms per Liter

samples exceeding the Groundwater Quality Standard (GQS)

**Table 12 - Field and Trip Blank Results for Volatile Organic Compounds**  
 NYSDEC BCP #C203084  
 198 East 135th Street, Bronx, New York

Sample ID	Field Blank-1		Field Blank-2		Field Blank-3		Trip Blank 1		Trip Blank 2		Trip Blank-3		NYSDEC TOGS Standards and Guidance Values - GA
	2/1/2017		2/2/2017		2/3/2017		2/1/2017		2/2/2017		2/3/2017		
Matrix	Blank		Blank		Blank		Blank		Blank		Blank		
Unit	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	ug/L
1,1,1,2-Tetrachloroethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,1,1-Trichloroethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,1,2,2-Tetrachloroethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,1,2-Trichloroethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	1
1,1-Dichloroethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,1-Dichloroethylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,1-Dichloropropylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,2,3-Trichlorobenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,2,3-Trichloropropane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.04
1,2,4,5-Tetramethylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	NS
1,2,4-Trichlorobenzene	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	5
1,2,4-Trimethylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,2-Dibromo-3-chloropropane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.04
1,2-Dibromoethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.0006
1,2-Dichlorobenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	3
1,2-Dichloroethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.6
1,2-Dichloropropane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	1
1,3,5-Trimethylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,3-Dichlorobenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	3
1,3-Dichloropropane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
1,4-Dichlorobenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	3
2,2-Dichloropropane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
2-Butanone	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	50
2-Chlorotoluene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
2-Hexanone	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	50
4-Chlorotoluene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
4-Methyl-2-pentanone	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	NS
Acetone	<1	U	<1	U	1.40	J	1.30	J	<1	U	<1	U	50
Benzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	1
Bromobenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Bromochloromethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Bromodichloromethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	50
Bromoform	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	50
Bromomethane	0.97	J	<0.8	U	<0.8	U	1.10	J	<0.8	U	1.20	J	5
Carbon disulfide	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	NS
Carbon tetrachloride	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Chlorobenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Chloroethane	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	5
Chloroform	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	7
Chloromethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
cis-1,2-Dichloroethylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
cis-1,3-Dichloropropylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.4
Dibromochloromethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	50
Dibromomethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	NS
Dichlorodifluoromethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Ethyl Benzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Hexachlorobutadiene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.5
Isopropylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Methyl tert-butyl ether (MTBE)	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	10
Methylene chloride	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	5
Naphthalene	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	10
n-Butylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
n-Propylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
o-Xylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
p- & m- Xylenes	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
p-Diethylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	NS
p-Ethyltoluene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	NS
p-Isopropyltoluene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
sec-Butylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Styrene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
tert-Butylbenzene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Tetrachloroethylene	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	5
Toluene	0.30	J	0.30	J	0.29	J	<0.2	U	<0.2	U	<0.2	U	5
trans-1,2-Dichloroethylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
trans-1,3-Dichloropropylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.4
Trichloroethylene	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Trichlorofluoromethane	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	5
Vinyl Chloride	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	<0.2	U	2
Xylenes, Total	<0.6	U	<0.6	U	<0.6	U	<0.6	U	<0.6	U	<0.6	U	5
Tentatively Identified Compounds	ND		ND		ND		NT		NT		NT		NS
Total VOCs	1.27		0.30		1.69		2.40		ND		1.20		NS

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

NS...No Standard

ND...not detected

ug/L...micrograms per Liter

Table 13 - Field Blank Results for Semi-Volatile Organic Compounds

NYSDEC BCP #C203084

198 East 135th Street, Bronx, New York

Sample ID	Field Blank-1		Field Blank-2		Field Blank-3		NYSDEC TOGS Standards and Guidance Values GA
Sampling Date	2/1/2017		2/2/2017		2/3/2017		
Matrix	Blank		Blank		Blank		
Unit	ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	ug/L
1,2,4-Trichlorobenzene	<2.56	U	<2.7	U	<2.56	U	5
1,2-Dichlorobenzene	<2.56	U	<2.7	U	<2.56	U	3
1,3-Dichlorobenzene	<2.56	U	<2.7	U	<2.56	U	3
1,4-Dichlorobenzene	<2.56	U	<2.7	U	<2.56	U	3
2,4,5-Trichlorophenol	<2.56	U	<2.7	U	<2.56	U	1
2,4,6-Trichlorophenol	<2.56	U	<2.7	U	<2.56	U	1
2,4-Dichlorophenol	<2.56	U	<2.7	U	<2.56	U	5
2,4-Dimethylphenol	<2.56	U	<2.7	U	<2.56	U	50
2,4-Dinitrophenol	<2.56	U	<2.7	U	<2.56	U	10
2,4-Dinitrotoluene	<2.56	U	<2.7	U	<2.56	U	5
2,6-Dinitrotoluene	<2.56	U	<2.7	U	<2.56	U	5
2-Chloronaphthalene	<2.56	U	<2.7	U	<2.56	U	10
2-Chlorophenol	<2.56	U	<2.7	U	<2.56	U	1
2-Methylnaphthalene	<2.56	U	<2.7	U	<2.56	U	NS
2-Methylphenol	<2.56	U	<2.7	U	<2.56	U	1
2-Nitroaniline	<2.56	U	<2.7	U	<2.56	U	5
2-Nitrophenol	<2.56	U	<2.7	U	<2.56	U	1
3- & 4-Methylphenols	<2.56	U	<2.7	U	<2.56	U	NS
3,3-Dichlorobenzidine	<2.56	U	<2.7	U	<2.56	U	5
3-Nitroaniline	<2.56	U	<2.7	U	<2.56	U	5
4,6-Dinitro-2-methylphenol	<2.56	U	<2.7	U	<2.56	U	NS
4-Bromophenyl phenyl ether	<2.56	U	<2.7	U	<2.56	U	NS
4-Chloro-3-methylphenol	<2.56	U	<2.7	U	<2.56	U	1
4-Chloroaniline	<2.56	U	<2.7	U	<2.56	U	5
4-Chlorophenyl phenyl ether	<2.56	U	<2.7	U	<2.56	U	NS
4-Nitroaniline	<2.56	U	<2.7	U	<2.56	U	5
4-Nitrophenol	<2.56	U	<2.7	U	<2.56	U	1
Acenaphthene	<0.0513	U	<0.0541	U	<0.0513	U	20
Acenaphthylene	<0.0513	U	<0.0541	U	<0.0513	U	NS
Aniline	<2.56	U	<2.7	U	<2.56	U	5
Anthracene	<0.0513	U	<0.0541	U	<0.0513	U	50
Benzo(a)anthracene	<0.0513	U	<0.0541	U	<0.0513	U	0.002
Benzo(a)pyrene	<0.0513	U	<0.0541	U	<0.0513	U	0.002
Benzo(b)fluoranthene	<0.0513	U	<0.0541	U	<0.0513	U	0.002
Benzo(g,h,i)perylene	<0.0513	U	<0.0541	U	<0.0513	U	NS
Benzo(k)fluoranthene	<0.0513	U	<0.0541	U	<0.0513	U	0.002
Benzyl alcohol	<2.56	U	<2.7	U	<2.56	U	NS
Benzyl butyl phthalate	<2.56	U	<2.7	U	<2.56	U	50
Bis(2-chloroethoxy)methane	<2.56	U	<2.7	U	<2.56	U	5
Bis(2-chloroethyl)ether	<2.56	U	<2.7	U	<2.56	U	1
Bis(2-chloroisopropyl)ether	<2.56	U	<2.7	U	<2.56	U	5
Bis(2-ethylhexyl)phthalate	<0.513	U	<0.541	U	<0.513	U	5
Chrysene	<0.0513	U	<0.0541	U	<0.0513	U	0.002
Dibenzo(a,h)anthracene	<0.0513	U	<0.0541	U	<0.0513	U	NS
Dibenzofuran	<2.56	U	<2.7	U	<2.56	U	NS
Diethyl phthalate	<2.56	U	<2.7	U	<2.56	U	50
Dimethyl phthalate	<2.56	U	<2.7	U	<2.56	U	50
Di-n-butyl phthalate	<2.56	U	<2.7	U	<2.56	U	50
Di-n-octyl phthalate	<2.56	U	<2.7	U	<2.56	U	50
Fluoranthene	<0.0513	U	<0.0541	U	<0.0513	U	50
Fluorene	<0.0513	U	<0.0541	U	<0.0513	U	50
Hexachlorobenzene	<0.0205	U	<0.0216	U	<0.0205	U	0.04
Hexachlorobutadiene	<0.513	U	<0.541	U	<0.513	U	0.5
Hexachlorocyclopentadiene	<2.56	U	<2.7	U	<2.56	U	5
Hexachloroethane	<0.513	U	<0.541	U	<0.513	U	5
Indeno(1,2,3-cd)pyrene	<0.0513	U	<0.0541	U	<0.0513	U	0.002
Isophorone	<2.56	U	<2.7	U	<2.56	U	50
Naphthalene	<b>0.0513</b>	J	<0.0541	U	<0.0513	U	10
Nitrobenzene	<0.256	U	<0.27	U	<0.256	U	0.4
N-Nitrosodimethylamine	<0.513	U	<0.541	U	<0.513	U	NS
N-nitroso-di-n-propylamine	<2.56	U	<2.7	U	<2.56	U	NS
N-Nitrosodiphenylamine	<2.56	U	<2.7	U	<2.56	U	50
Pentachlorophenol	<0.256	U	<0.27	U	<0.256	U	1
Phenanthrene	<0.0513	U	<0.0541	U	<0.0513	U	50
Phenol	<2.56	U	<2.7	U	<2.56	U	1
Pyrene	<0.0513	U	<0.0541	U	<0.0513	U	50
Pyridine	<2.56	U	<2.7	U	<2.56	U	50
Tentatively Identified Compound	ND		NT		NT		NS
Total SVOCs	<b>0.05</b>		ND		ND		NS

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.

NS...No Standard

ND...not detected

ug/L...micrograms per Liter

**Table 14 - Field Blank Results for Pesticides and Polychlorinated Biphenyls**  
**NYSDEC BCP #C203084**  
**198 East 135th Street, Bronx, New York**

Sample ID	Field Blank-1		Field Blank-2		Field Blank-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	2/1/2017		2/2/2017		2/3/2017		
Matrix	Blank		Blank		Blank		
Unit	ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	ug/L
<b>Pesticides</b>							
4,4'-DDD	<0.00432	U	<0.00421	U	<0.005	U	0.3
4,4'-DDE	<0.00432	U	<0.00421	U	<0.005	U	0.2
4,4'-DDT	<0.00432	U	<0.00421	U	<0.005	U	0.2
Aldrin	<0.00432	U	<0.00421	U	<0.005	U	NS
alpha-BHC	<0.00432	U	<0.00421	U	<0.005	U	0.01
alpha-Chlordane	<0.00432	U	<0.00421	U	<0.005	U	NS
beta-BHC	<0.00432	U	<0.00421	U	<0.005	U	0.04
Chlordane, total	<0.0216	U	<0.0211	U	<0.025	U	0.05
delta-BHC	<0.00432	U	<0.00421	U	<0.005	U	0.04
Dieldrin	<0.00216	U	<0.00211	U	<0.0025	U	0.004
Endosulfan I	<0.00432	U	<0.00421	U	<0.005	U	NS
Endosulfan II	<0.00432	U	<0.00421	U	<0.005	U	NS
Endosulfan sulfate	<0.00432	U	<0.00421	U	<0.005	U	NS
Endrin	<0.00432	U	<0.00421	U	<0.005	U	NS
Endrin aldehyde	<0.0108	U	<0.0105	U	<0.0125	U	5
Endrin ketone	<0.0108	U	<0.0105	U	<0.0125	U	5
gamma-BHC (Lindane)	<0.00432	U	<0.00421	U	<0.005	U	0.05
gamma-Chlordane	<0.0108	U	<0.0105	U	<0.0125	U	NS
Heptachlor	<0.00432	U	<0.00421	U	<0.005	U	0.04
Heptachlor epoxide	<0.00432	U	<0.00421	U	<0.005	U	0.03
Methoxychlor	<0.00432	U	<0.00421	U	<0.005	U	35
Toxaphene	<0.108	U	<0.105	U	<0.125	U	0.06
<b>Polychlorinated Biphenyls (PCB)</b>							
Aroclor 1016	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1221	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1232	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1242	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1248	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1254	<0.0541	U	<0.0526	U	<0.0625	U	NS
Aroclor 1260	<0.0541	U	<0.0526	U	<0.0625	U	NS
Total PCBs	<0.0541	U	<0.0526	U	<0.0625	U	0.09

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

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

S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.

NS...No Standard

ND...not detected

ug/L...micrograms per Liter





**Table 15 - Field Blank Results for Analytical Results for Metals**  
**NYSDEC BCP #C203084**  
**198 East 135th Street, Bronx, New York**

Sample ID	Field Blank-1		Field Blank-2		Field Blank-3		NYSDEC TOGS Standards and Guidance Values - GA ug/L
Sampling Date	2/1/2017		2/2/2017		2/3/2017		
Matrix	Blank		Blank		Blank		
Unit	ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	ug/L
<b>Metals, Undissolved</b>							
Aluminum	<50	U	<50	U	<50	U	NS
Antimony	<2.22	U	<2.22	U	<2.22	U	3
Arsenic	<2.22	U	<2.22	U	<2.22	U	25
Barium	<10	U	<10	U	<10	U	1000
Beryllium	<0.667	U	<0.667	U	<0.667	U	3
Cadmium	<1.11	U	<1.11	U	<1.11	U	5
Calcium	<b>138</b>		<b>74</b>		<50	U	NS
Chromium	<5	U	<5	U	<5	U	50
Copper	<3	U	<3	U	<3	U	200
Cyanide, total	<10	U	<10	U	<10	U	200
Iron	<20	U	<20	U	<20	U	NS
Lead	<3	U	<3	U	<3	U	25
Magnesium	<50	U	<50	U	<50	U	35000
Manganese	<5	U	<5	U	<5	U	300
Mercury	<0.2	U	<0.2	U	<0.2	U	0.7
Molybdenum	<2.22	U	<2.22	U	<2.22	U	NS
Nickel	<b>7</b>		<b>7</b>		<b>7</b>		100
Potassium	<50	U	<50	U	<50	U	NS
Selenium	<b>6</b>	D	<b>3</b>	D	<2.22	U	10
Silver	<5	U	<	U	<5	U	50
Sodium	<b>594</b>		<b>514</b>		<b>503</b>		20000
Thallium	<2.22	U	<2.22	U	<2.22	U	NS
Vanadium	<10	U	<10	U	<10	U	NS
Zinc	<10	U	<b>20</b>		<10	U	2000
<b>Metals, Dissolved</b>							
Aluminum	<55.6	U	<55.6	U	<55.6	U	NS
Antimony	<2.22	U	<2.22	U	<2.22	U	3
Arsenic	<2.22	U	<2.22	U	<2.22	U	25
Barium	<11.1	U	<11.1	U	<11.1	U	1000
Beryllium	<b>0</b>	D	<b>1</b>	D	<b>1</b>	D	3
Cadmium	<1.11	U	<1.11	U	<1.11	U	5
Calcium	<b>76</b>		<55.6	U	<b>67</b>		NS
Chromium	<5.56	U	<5.56	U	<5.56	U	50
Copper	<3.33	U	<3.33	U	<3.33	U	200
Iron	<b>40</b>		<b>24</b>		<b>22</b>		NS
Lead	<3.33	U	<3.33	U	<3.33	U	25
Magnesium	<55.6	U	<55.6	U	<55.6	U	35000
Manganese	<5.56	U	<5.56	U	<5.56	U	300
Mercury	<0.2	U	<0.2	U	<0.2	U	0.7
Molybdenum	<2.22	U	<2.22	U	<2.22	U	NS
Nickel	<b>9</b>		<b>8</b>		<b>9</b>		100
Potassium	<b>98</b>		<b>83</b>		<b>59</b>		NS
Selenium	<b>3</b>	D	<b>3</b>	D	<2.22	U	10
Silver	<5.56	U	<5.56	U	<5.56	U	50
Sodium	<b>746</b>		<b>629</b>		<b>659</b>		20000
Thallium	<2.22	U	<2.22	U	<2.22	U	NS
Vanadium	<11.1	U	<11.1	U	<11.1	U	NS
Zinc	<b>12</b>		<11.1	U	<11.1	U	2000

*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*

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

*S=This compound is a solvent that is used in the laboratory; Laboratory contamination is suspected if concentration is less than five times the reporting level.*

*NS...No Standard*

*ND...not detected*

*ug/L...micrograms per Liter*



# **APPENDICES**

# Appendix A

**CD-ROM**

# Appendix B

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B

625 Broadway, 12th Floor, Albany, NY 12233-7016

P: (518) 402-9768 | F: (518) 402-9773

www.dec.ny.gov

January 23, 2017

Cheskel Schwimmer  
Deegan 135 Realty LLC  
199 Lee Avenue, #103  
Brooklyn, NY 11211

RE: 198 East 135th Street  
Brownfield Cleanup Program Site #C203084  
Remedial Investigation Work Plan

Dear Mr. Schwimmer:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has reviewed the Remedial Investigation Work Plan (RIWP) dated November 30, 2016, submitted for the 198 East 135th Street BCP Site. The RIWP was submitted to NYSDEC by Hydro Tech Environmental, Corp., on behalf of the Volunteer, Deegan 135 Realty LLC. The RIWP was released for a public comment period for 30 days as required by program policy. That comment period ended on January 22, 2017, and no public comments were received. The RIWP is hereby accepted.

The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under the RIWP. In particular, the Volunteer and its contractors are responsible for the structural integrity of excavations, and protection of the structural integrity of buildings, utilities, and other structures both onsite and offsite that may be adversely affected by those excavations. The Volunteer and its contractors must obtain any local, state or federal permits or approvals that may be required to perform work under the Plan. Furthermore, the Volunteer and its contractors are solely responsible for the identification of utilities that might be affected by work under the RIWP and implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved RIWP.

Please note that the Volunteer's consultant (Hydro Tech Environmental, Corp.), should have a full-time representative on-site who is qualified to supervise the work performed. Hydro Tech should notify the NYSDEC of any significant difficulties encountered in implementing the approved work plan and should not modify the work plan unless first approved by the NYSDEC.



Consistent with the Brownfield Cleanup Agreement, please provide me 7-days notice prior to beginning the field work.

Please call me if you have any questions at (518) 402-9824.

Sincerely;

A handwritten signature in black ink, appearing to read 'Sarah Quandt', written in a cursive style.

Sarah Quandt  
Project Manager  
Remedial Bureau B

ec: S. Quandt  
J. Brown  
J. O'Connell  
S. Berninger  
J. Deming

Andrew Infante (Hydro Tech)

# Appendix C













# Appendix D



# Hydro Tech Environmental, Corp.

## Main Office

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

## NYC Office

15 Ocean Avenue, 2nd Floor  
Brooklyn, New York 11225  
T (718) 636-0800 · F (718) 636-0900  
www.hydrotechenvironmental.com

# Soil Probe Log

Job No: 150213      Date: 02/02/2017      Page: 1 of 1  
 Location: 198 East 135th Street, Bronx, NY 10451      Sampling Interval: 2 ft.  
 Boring No.: SP-7      Driller: HTE      Sampling Method: Grab  
 Drilling Method: Direct Push      Depth to Water: n/a  
 Total Depth: 16 feet bgs

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Brown coarse sand with bricks, gravel and stones; No odor.
-2	0.0	SP	Brown/tan yellow coarse to medium sand with gravel and stones; No odor.
-4	0.0	SP	Brown coarse sand with concrete, gravel and white stones; No odor.
-6	0.0	SP	Brown coarse sand with concrete, gravel and white stones; No odor.
-8	0.0	SP	Brown coarse to medium sand; No odor.
-10	0.0	SP	Brown coarse moist sand; No odor
-12	0.0	SP	Brown coarse moist sand with wood; No odor
-14	4.1	SP	Black coarse clayey sand with white stones and gravel; Low petroleum odor
-16			



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## Soil Probe Log

Job No:	150213	Date:	02/02/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-8	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	16 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------

0	0.0	SP	Brown coarse sand with bricks, gravel and stones; No odor.
-2	0.0	SP	Brown/tan yellow coarse to medium sand with asphalt, coal, gravel and stones; No odor.
-4	0.0	SP	Brown/ tan yellow coarse sand with concrete, gravel and stones; No odor.
-6	0.0	SP	Brown coarse sand with concrete; No odor.
-8	0.0	SP	Brown/ tan yellow coarse sand with concrete, gravel and stones; No odor.
10	0.0	SP	Black coarse wet sand, less recovery; No odor
12	0.0	SP	Black coarse wet sand, less recovery; No odor
14	0.0	SP	Black coarse wet sand, less recovery; No odor
16			





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## Soil Probe Log

Job No:	150213	Date:	02/02/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-9	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	16 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------

0	0.0	SP	Brown/black coarse sand with bricks, concrete, gravel and stones; No odor.
-2	0.0	SP	Brown/black coarse sand; No odor.
-4	0.0	SP	Black coarse to medium sand with asphalt, gravel and wood; No odor.
-6	0.0	SP	Black coarse sand; No odor.
-8	0.0	SP	Brown medium to fine sand; No odor
10	0.0	SP	Brown medium to fine sand; No odor
12	0.0	SP	Brown coarse to medium moist sand; No odor
14	0.0	SP	Black coarse to medium wet sand; No odor
16			



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## Soil Probe Log

Job No:	150213	Date:	02/01/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-10	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	16 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Brown/black coarse sand with bricks, concrete, gravel and stones; No odor.
-2	0.0	SP	Brown/black coarse sand with bricks, concrete, gravel and stones; No odor.
-4	0.0	SP	Brown/black coarse to medium sand with bricks, concrete, gravel and stones; No odor.
-6	0.0	SP	Brown/black coarse to medium sand with bricks, coal, concrete, glass and stones; No odor.
-8	0.0	SP	Black medium to fine sand; No odor
-10	0.0	SP	Black medium to fine moist sand; No odor
-12	0.0	SP	Black medium to fine moist sand; No odor
-14	0.0	SP	Black medium to fine moist sand with wood; organic odor
-16			



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## Soil Probe Log

Job No:	150213	Date:	02/02/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-11	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	10 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------

0	0.0	SP	Brown coarse sand with bricks, gravel and stones; No odor.
-2	0.0	SP	Black coarse sand with wood and white stones; No odor.
-4	4.5	SP	Brown/ tan yellow coarse sand with asphalt and stones; Low gasoline odor
-6	4.5	SP	Brown coarse sand with brick and white stones; No odor.
-8	0.0	SP	Brown coarse sand with coal ash and white stones; No odor.
10			



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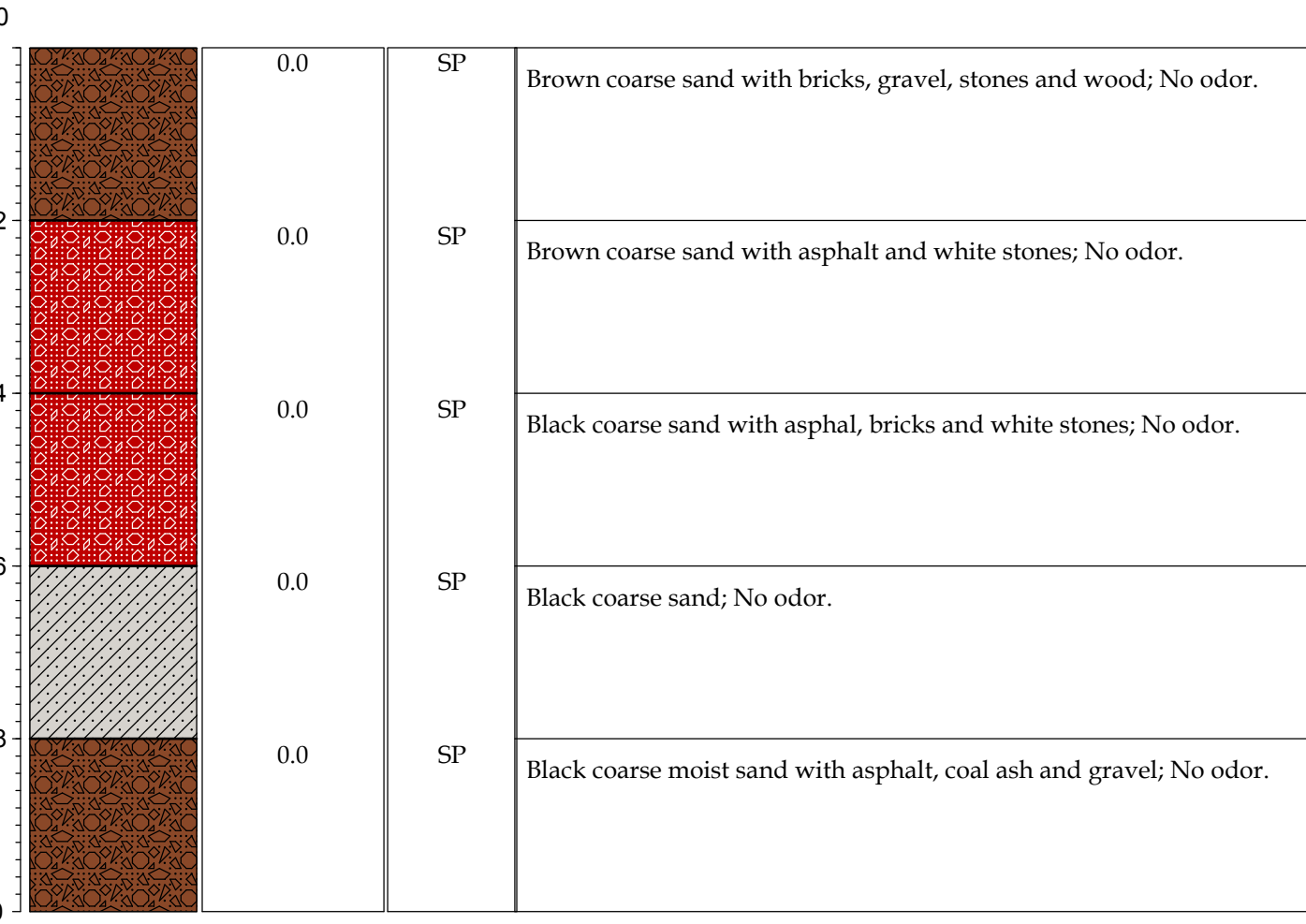
## Soil Probe Log

Job No:	150213	Date:	02/02/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-12	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	10 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------





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## Soil Probe Log

Job No:	150213	Date:	02/02/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-13	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	10 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------

0	0.0	SP	Brown coarse sand with bricks, gravel and stones; No odor.
-2	0.0	SP	Brown/ tan yellow coarse sand with bricks, gravel and stones; No odor.
-4	0.0	SP	Black/ red coarse sand with asphalt and stones; No odor.
-6	0.0	SP	Black coarse sand with stones; No odor.
-8	0.0	SP	Brown/ tan yellow medium to fine sand; No odor.
10			



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## Soil Probe Log

Job No:	150213	Date:	02/02/2017	Page:	1 of 1
Location:	198 East 135th Street, Bronx, NY 10451	Sampling Interval:	2 ft.	Sampling Method:	Grab
Boring No.:	SP-14	Driller:	HTE	Depth to Water:	n/a
Drilling Method:	Direct Push				
Total Depth:	10 feet bgs				

### USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------

0	0.0	SP	Brown/ black coarse sand with gravel and stones; No odor.
-2	0.0	SP	Brown/ black coarse sand with bricks, gravel and wood; No odor.
-4	0.0	SP	Brown/ black coarse sand with bricks, gravel and stones; No odor.
-6	0.0	SP	Black coarse moist sand; No odor.
-8	0.0	SP	Black coarse moist sand; No odor.
10			

# Appendix E









# Appendix F



# HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:  
 2171 JERICHO TURNPIKE, SUITE 345  
 COMMACK, NEW YORK 11725  
 PHONE: (631) 462-5866 FAX: (631) 462-5877

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

## WELL CONSTRUCTION LOG

Job No: 150213 Date: 02-01-2017 Page: 1 OF 1

Location: 198 E 135th STREET, BRONX, NY

Well Number: MW-2(R) Screen Size: 0.010"

Drilling Method: DIRECT PUSH Screen Interval: 13.00'

Total Depth: 18' Diameter: 1"

Depth to Water: 8.73' Riser Length: 5.00'

Manhole Size: 5" Sand Size: #2

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

# Hydro Tech Environmental, Corp.

## Monitoring Well Development Sheet

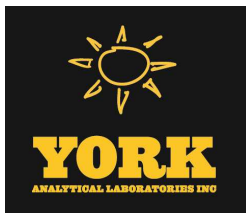
Job No.: 150213 Well No.: MW-2R Date: 02/04/17  
 Well Depth: 18' Screen Length: 13' Well Diameter: 1"  
 Casing Type: PVC Sampling Device: \_\_\_\_\_  
 Well Development Method \_\_\_\_\_ Total Volume Purged: \_\_\_\_\_

Number of Round	Time Interval	PTP (ft)		ATP (ft)		Visual assessment of trubidity	Purge volume (gls)
		DTP	DTW	DTP	DTW		
1	5 mins		8.73		8.78	Turbulent	5 Lt.
2	5 mins		8.75		8.81	less turbulent	5 Lt.
3	5 mins		8.78		8.82	less turbulent	5 Lt.
4	5 mins		8.79		8.83	clear	
5							
6							
		pH	Cond. (S/Cm)	Turb.(NTU)	Dis.O2 (mg/L)	Temp (°F)	ORP (mV)
Water Quality Parameters at the end of well development		7.68	0.368	232	1.70	15.30	-170

ATP... After purging  
 PTP... prior to purging  
 ft...feet

DTW - deth to water  
 gls- gallons

# Appendix G



# Technical Report

prepared for:

## **Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue

Brooklyn NY, 11225

**Attention: AJ Infante**

Report Date: 02/14/2017

**Client Project ID: 150213: 198 E 135th Street Bronx NY**

York Project (SDG) No.: 17B0203

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](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: AJ Infante

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**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 06, 2017 and listed below. The project was identified as your project: **150213: 198 E 135th Street Bronx NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17B0203-01	SP-10 (0'-2')	Soil	02/01/2017	02/06/2017
17B0203-02	SP-10 (2'-4')	Soil	02/01/2017	02/06/2017
17B0203-03	SP-10 (4'-6')	Soil	02/01/2017	02/06/2017
17B0203-04	SP-10 (6'-8')	Soil	02/01/2017	02/06/2017
17B0203-05	SP-10 (8'-10')	Soil	02/01/2017	02/06/2017
17B0203-06	SP-10 (10'-12')	Soil	02/01/2017	02/06/2017
17B0203-07	SP-10 (12'-14')	Soil	02/01/2017	02/06/2017
17B0203-08	SP-10 (14'-16')	Soil	02/01/2017	02/06/2017



## **General Notes for York Project (SDG) No.: 17B0203**

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:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

**York Project (SDG) No.**  
17B0203

**Client Project ID**  
150213: 198 E 135th Street Bronx NY

**Matrix**  
Soil

**Collection Date/Time**  
February 1, 2017 10:50 am

**Date Received**  
02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
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	02/08/2017 08:15	02/08/2017 15:11	SS
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	02/08/2017 08:15	02/08/2017 15:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS



### Sample Information

**Client Sample ID:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 10:50 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	<b>2-Butanone</b>	<b>4.0</b>	CCV-E, J	ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
67-64-1	<b>Acetone</b>	<b>110</b>	CCV-E, SCAL-E	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS



### Sample Information

**Client Sample ID:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 10:50 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 15:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 15:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:11	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:11	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	77-125								
2037-26-5	Surrogate: Toluene-d8	93.7 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 10:50 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	unknown silan isomer	8.3	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 15:11	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH



### Sample Information

**Client Sample ID:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

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150213: 198 E 135th Street Bronx NY

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February 1, 2017 10:50 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
83-32-9	<b>Acenaphthene</b>	<b>474</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
208-96-8	<b>Acenaphthylene</b>	<b>154</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
62-53-3	Aniline	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
120-12-7	<b>Anthracene</b>	<b>1150</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>5060</b>	CCV-E	ug/kg dry	234	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 15:11	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>1460</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>1650</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>723</b>	IS-06	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>1650</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
85-68-7	<b>Benzyl butyl phthalate</b>	<b>251</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>521</b>		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
218-01-9	<b>Chrysene</b>	<b>4480</b>		ug/kg dry	234	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 15:11	KH



### Sample Information

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150213: 198 E 135th Street Bronx NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	471	IS-06	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
132-64-9	Dibenzofuran	160		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
206-44-0	Fluoranthene	8490		ug/kg dry	234	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 15:11	KH
86-73-7	Fluorene	400		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	820	IS-06	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
78-59-1	Isophorone	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
91-20-3	Naphthalene	118		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
85-01-8	Phenanthrene	4010		ug/kg dry	234	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 15:11	KH
108-95-2	Phenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
129-00-0	Pyrene	6840		ug/kg dry	234	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 15:11	KH



### Sample Information

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150213: 198 E 135th Street Bronx NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 02:10	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	55.7 %			20-108						
4165-62-2	Surrogate: Phenol-d5	60.5 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	53.9 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	61.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	40.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	45.0 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000192-97-2	benzo[e]pyrene isomer	4770		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
000207-08-9	benzo[k]fluoranthene isomer	3130		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
NA	Binaphthalene isomer	3130		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
035337-15-6	cyclopenta[def]phenanthrene isomer	3210		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
NA	Dinaphtho furan isomer	3280		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
NA	hexacosane isomer	4400		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
NA	Squalene isomer	2610		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 02:10	KH

**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	02/10/2017 07:28	02/13/2017 11:08	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	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
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/13/2017 11:08	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	36.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/13/2017 11:08	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.23	9.23	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.4	93.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/13/2017 11:08	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
2051-24-3	Surrogate: Decachlorobiphenyl	48.4 %						30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	20.4 %	GC-SC					30-150			
			u								

**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
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@



### Sample Information

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Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 10:50 am

02/06/2017

**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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 22:47	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/10/2017 07:28	02/10/2017 22:47	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
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	<b>Aluminum</b>	<b>5410</b>		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-36-0	Antimony	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-38-2	<b>Arsenic</b>	<b>1.65</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-39-3	<b>Barium</b>	<b>226</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-43-9	<b>Cadmium</b>	<b>0.493</b>		mg/kg dry	0.336	0.336	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-70-2	<b>Calcium</b>	<b>23100</b>		mg/kg dry	0.559	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-47-3	<b>Chromium</b>	<b>15.6</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-48-4	<b>Cobalt</b>	<b>5.78</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV



### Sample Information

**Client Sample ID:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

York Project (SDG) No.

Client Project ID

Matrix

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17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 10:50 am

02/06/2017

**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
7440-50-8	<b>Copper</b>	<b>96.7</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7439-89-6	<b>Iron</b>	<b>18400</b>		mg/kg dry	2.24	2.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7439-92-1	<b>Lead</b>	<b>259</b>		mg/kg dry	0.336	0.336	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7439-95-4	<b>Magnesium</b>	<b>5530</b>		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7439-96-5	<b>Manganese</b>	<b>160</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-02-0	<b>Nickel</b>	<b>16.4</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-09-7	<b>Potassium</b>	<b>1140</b>		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7782-49-2	<b>Selenium</b>	<b>1.20</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-23-5	<b>Sodium</b>	<b>242</b>		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-62-2	<b>Vanadium</b>	<b>28.9</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	KV
7440-66-6	<b>Zinc</b>	<b>282</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:44	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	<b>Mercury</b>	<b>0.466</b>		mg/kg dry	0.0336	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/07/2017 06:13	02/07/2017 16:15	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	<b>* % Solids</b>	<b>89.4</b>		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

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132-02 89th AVENUE  
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RICHMOND HILL, NY 11418  
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### Sample Information

**Client Sample ID:** SP-10 (0'-2')

**York Sample ID:** 17B0203-01

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 10:50 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	0.559	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2017 08:22	02/12/2017 12:05	AD

### Sample Information

**Client Sample ID:** SP-10 (2'-4')

**York Sample ID:** 17B0203-02

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 10:58 am	<u>Date Received</u> 02/06/2017
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### Volatile Organics, 8260 List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
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	02/08/2017 08:15	02/08/2017 15:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS



### Sample Information

**Client Sample ID:** SP-10 (2'-4')

**York Sample ID:** 17B0203-02

York Project (SDG) No.

Client Project ID

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17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 10:58 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	86	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
67-64-1	<b>Acetone</b>	<b>22</b>	CCV-E, SCAL- E	ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS



### Sample Information

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**York Sample ID:** 17B0203-02

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 15:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 15:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS



### Sample Information

**Client Sample ID:** SP-10 (2'-4')

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 15:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 15:41	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: Toluene-d8	94.9 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 15:41	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
62-53-3	Aniline	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
120-12-7	<b>Anthracene</b>	<b>157</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>614</b>	CCV-E	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH





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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	<b>Benzo(a)pyrene</b>	<b>317</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>383</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>136</b>	IS-06	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>371</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>345</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
218-01-9	<b>Chrysene</b>	<b>603</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>65.3</b>	IS-06, J	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
206-44-0	<b>Fluoranthene</b>	<b>1240</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
86-73-7	Fluorene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>136</b>	IS-06	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
78-59-1	Isophorone	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
85-01-8	<b>Phenanthrene</b>	<b>703</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
108-95-2	Phenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
129-00-0	<b>Pyrene</b>	<b>1110</b>		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH
110-86-1	Pyridine	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:58	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	48.6 %	20-108
4165-62-2	Surrogate: Phenol-d5	54.3 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	43.0 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	53.4 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	43.1 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	38.5 %	24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	<b>Benzo [e] pyrene isomer</b>	<b>1420</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/13/2017 22:58	KH
000207-08-9	<b>benzo[k]fluoranthene isomer</b>	<b>1420</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/13/2017 22:58	KH
NA	<b>chloro heptacosane isomer</b>	<b>1260</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/13/2017 22:58	KH
NA	<b>Eicosane isomer</b>	<b>1340</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/13/2017 22:58	KH



Sample Information

Client Sample ID: SP-10 (2'-4')

York Sample ID: 17B0203-02

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150213: 198 E 135th Street Bronx NY

Soil

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Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include naphthalenedione isomer (1260), perylene isomer (0.00), and Tentatively Identified Compounds (0.00).

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various pesticides like 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, Chlordane, total, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, and gamma-BHC (Lindane).



### Sample Information

**Client Sample ID:** SP-10 (2'-4')

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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
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 20:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.74	9.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	98.6	98.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:37	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	54.6 %			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	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:11	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A Certifications:	02/10/2017 07:28	02/10/2017 23:11	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	40.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	32.0 %			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
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### Sample Information

**Client Sample ID:** SP-10 (2'-4')

**York Sample ID:** 17B0203-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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150213: 198 E 135th Street Bronx NY

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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
7429-90-5	Aluminum	5550		mg/kg dry	5.90	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-36-0	Antimony	ND		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-38-2	Arsenic	2.32		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-39-3	Barium	890		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-43-9	Cadmium	0.615		mg/kg dry	0.354	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-70-2	Calcium	42600		mg/kg dry	0.590	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-47-3	Chromium	14.4		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-48-4	Cobalt	5.55		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-50-8	Copper	173		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7439-89-6	Iron	9800		mg/kg dry	2.36	2.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7439-92-1	Lead	820		mg/kg dry	0.354	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7439-95-4	Magnesium	5340		mg/kg dry	5.90	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7439-96-5	Manganese	141		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-02-0	Nickel	16.8		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-09-7	Potassium	973		mg/kg dry	5.90	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-22-4	Silver	ND		mg/kg dry	0.590	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-23-5	Sodium	202		mg/kg dry	11.8	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV
7440-62-2	Vanadium	28.9		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:49	KV



### Sample Information

**Client Sample ID:** SP-10 (2'-4')

**York Sample ID:** 17B0203-02

York Project (SDG) No.

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Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

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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
7440-66-6	Zinc	388		mg/kg dry	1.18	1.18	1	EPA 6010C	02/07/2017 11:04	02/08/2017 04:49	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	0.236		mg/kg dry	0.0354	0.0354	1	EPA 7473	02/07/2017 06:13	02/07/2017 16:24	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	84.7		%	0.100	0.100	1	SM 2540G	02/10/2017 10:02	02/10/2017 13:39	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	0.590	1	EPA 9014/9010C	02/12/2017 08:22	02/12/2017 12:05	AD
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		

### Sample Information

**Client Sample ID:** SP-10 (4'-6')

**York Sample ID:** 17B0203-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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150213: 198 E 135th Street Bronx NY

Soil

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	02/08/2017 08:15	02/08/2017 16:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	02/08/2017 08:15	02/08/2017 16:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		



### Sample Information

**Client Sample ID:** SP-10 (4'-6')

**York Sample ID:** 17B0203-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS



### Sample Information

**Client Sample ID:** SP-10 (4'-6')

**York Sample ID:** 17B0203-03

York Project (SDG) No.

Client Project ID

Matrix

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17B0203

150213: 198 E 135th Street Bronx NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
67-64-1	Acetone	23	CCV-E, SCAL-E	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS





### Sample Information

**Client Sample ID:** SP-10 (4'-6')

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 16:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 16:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:12	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:12	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	77-125
2037-26-5	Surrogate: Toluene-d8	94.6 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 16:12	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
83-32-9	<b>Acenaphthene</b>	<b>255</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
120-12-7	<b>Anthracene</b>	<b>2110</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>1460</b>	CCV-E	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>646</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>838</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>290</b>	IS-06	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>724</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	<b>Chrysene</b>	<b>1330</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>192</b>	IS-06	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
132-64-9	<b>Dibenzofuran</b>	<b>131</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
206-44-0	<b>Fluoranthene</b>	<b>2860</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
86-73-7	<b>Fluorene</b>	<b>176</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>320</b>	IS-06	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
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	02/10/2017 07:07	02/14/2017 00:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
85-01-8	<b>Phenanthrene</b>	<b>2410</b>		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
108-95-2	Phenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH



### Sample Information

**Client Sample ID:** SP-10 (4'-6')

**York Sample ID:** 17B0203-03

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17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:10 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	2460		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
110-86-1	Pyridine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:34	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	59.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	60.7 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	54.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	63.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	47.9 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Anthracenedione isomer	892		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
000056-55-3	benz[a]anthracene dione isomer	1040		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
000207-08-9	benzo[k]fluoranthene isomer	818		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
035337-15-6	cyclopenta[def]phenanthrene isomer	1410		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	Dinaphtho furan isomer	892		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	Hexadecane isomer	1560		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	methyl Anthracene isomer	743		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	methyl Phenanthrene isomer	818		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	nonacosane isomer	818		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	nonadecane isomer	892		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	perylene isomer	1410		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
NA	phenyl naphthalene isomer	818		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:34	KH



### Sample Information

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Soil

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02/06/2017

**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	02/10/2017 07:28	02/11/2017 20:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 20:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 20:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 20:52	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	61.6 %	30-150								



### Sample Information

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150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:10 am

02/06/2017

**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
877-09-8	Surrogate: Tetrachloro-m-xylene	56.7 %			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	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:35	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/10/2017 07:28	02/10/2017 23:35	SA

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	55.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	56.0 %	30-140

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>11500</b>		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-36-0	Antimony	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-39-3	<b>Barium</b>	<b>123</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV



### Sample Information

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Soil

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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
7440-70-2	Calcium	5660		mg/kg dry	0.557	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-47-3	Chromium	18.8		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-48-4	Cobalt	11.7		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-50-8	Copper	38.3		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7439-89-6	Iron	17200		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7439-92-1	Lead	46.1		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7439-95-4	Magnesium	6070		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7439-96-5	Manganese	244		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-02-0	Nickel	23.1		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-09-7	Potassium	5830		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-23-5	Sodium	325		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-62-2	Vanadium	28.6		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	KV
7440-66-6	Zinc	86.3		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 04:56	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	0.299		mg/kg dry	0.0334	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/07/2017 06:13	02/07/2017 16:33	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SP-10 (4'-6')

**York Sample ID:** 17B0203-03

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:10 am	<u>Date Received</u> 02/06/2017
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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	02/10/2017 10:02	02/10/2017 13:39	TAJ

### Cyanide, Total

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	0.557	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2017 08:22	02/12/2017 12:05	AD

### Sample Information

**Client Sample ID:** SP-10 (6'-8')

**York Sample ID:** 17B0203-04

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:20 am	<u>Date Received</u> 02/06/2017
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### Volatile Organics, 8260 List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS



### Sample Information

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150213: 198 E 135th Street Bronx NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
67-64-1	<b>Acetone</b>	<b>59</b>	CCV-E, SCAL-E	ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS



### Sample Information

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150213: 198 E 135th Street Bronx NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 16:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 16:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS



### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 16:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 16:42	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.7 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Unknown silane isomer	7.0	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 16:42	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
606-20-2	<b>2,6-Dinitrotoluene</b>	<b>946</b>		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
83-32-9	<b>Acenaphthene</b>	<b>159</b>		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH



### Sample Information

**Client Sample ID:** SP-10 (6'-8')

**York Sample ID:** 17B0203-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:20 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	79.4	J	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
62-53-3	Aniline	ND		ug/kg dry	189	379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
120-12-7	Anthracene	395		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
56-55-3	Benzo(a)anthracene	1410	CCV-E	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
50-32-8	Benzo(a)pyrene	742		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
205-99-2	Benzo(b)fluoranthene	845		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
191-24-2	Benzo(g,h,i)perylene	323	IS-06	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
207-08-9	Benzo(k)fluoranthene	761		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	KH
218-01-9	Chrysene	1340		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
53-70-3	Dibenzo(a,h)anthracene	216	IS-06	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
132-64-9	Dibenzofuran	77.1	J	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
131-11-3	Dimethyl phthalate	302		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	KH
206-44-0	Fluoranthene	2320		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH



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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	<b>Fluorene</b>	<b>144</b>		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>362</b>	IS-06	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
78-59-1	Isophorone	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	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	02/10/2017 07:07	02/14/2017 01:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
85-01-8	<b>Phenanthrene</b>	<b>1600</b>		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
108-95-2	Phenol	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
129-00-0	<b>Pyrene</b>	<b>2220</b>		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH
110-86-1	Pyridine	ND		ug/kg dry	189	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:06	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	50.4 %	20-108
4165-62-2	Surrogate: Phenol-d5	59.1 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	46.2 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	55.3 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	44.8 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	41.2 %	24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-10 (6'-8')

**York Sample ID:** 17B0203-04

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:20 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000192-97-2	benzo[e]pyrene isomer	1510		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH
035337-15-6	cyclopenta[def]phenanthrene isomer	1290		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH
NA	Dinaphtho furan isomer	1130		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH
NA	methyl Chrysene isomer	832		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH
NA	nonacosane isomer	1210		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH
NA	perylene isomer	1590		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 01:06	KH

**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	02/10/2017 07:28	02/11/2017 21:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 21:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 21:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	9.35	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.7	94.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 21:07	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	60.3 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	47.8 %	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	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/10/2017 23:59	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications:	02/10/2017 07:28	02/10/2017 23:59	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %	30-140								



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150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:20 am

02/06/2017

**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
7429-90-5	Aluminum	5990		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-36-0	Antimony	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-38-2	Arsenic	1.58		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-39-3	Barium	103		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-41-7	Beryllium	0.173		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-43-9	Cadmium	0.424		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-70-2	Calcium	10500		mg/kg dry	0.567	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-47-3	Chromium	10.9		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-48-4	Cobalt	6.54		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-50-8	Copper	53.5		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7439-89-6	Iron	16800		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7439-92-1	Lead	259		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7439-95-4	Magnesium	5770		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7439-96-5	Manganese	313		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-02-0	Nickel	14.8		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-09-7	Potassium	979		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7782-49-2	Selenium	1.15		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-23-5	Sodium	152		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-62-2	Vanadium	18.0		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV
7440-66-6	Zinc	235		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:01	KV



### Sample Information

**Client Sample ID:** SP-10 (6'-8')

**York Sample ID:** 17B0203-04

York Project (SDG) No.

Client Project ID

Matrix

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17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:20 am

02/06/2017

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.10		mg/kg dry	0.0340	0.0340	1	EPA 7473	02/07/2017 06:13	02/07/2017 16:41	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	88.2		%	0.100	0.100	1	SM 2540G	02/10/2017 10:02	02/10/2017 13:39	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.794		mg/kg dry	0.567	0.567	1	EPA 9014/9010C	02/12/2017 08:22	02/12/2017 12:05	AD
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		

### Sample Information

**Client Sample ID:** SP-10 (8'-10')

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Soil

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	02/08/2017 08:15	02/08/2017 17:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	02/08/2017 08:15	02/08/2017 17:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	02/08/2017 08:15	02/08/2017 17:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	02/08/2017 08:15	02/08/2017 17:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	02/08/2017 08:15	02/08/2017 17:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	02/08/2017 08:15	02/08/2017 17:12	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		



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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	82	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
78-93-3	<b>2-Butanone</b>	<b>5.8</b>	CCV-E	ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
67-64-1	<b>Acetone</b>	<b>34</b>	CCV-E, SCAL-E	ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS



### Sample Information

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 17:12	SS



### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 17:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:12	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:12	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.3 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 17:12	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

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

**Client Sample ID:** SP-10 (8'-10')

**York Sample ID:** 17B0203-05

York Project (SDG) No.

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
62-53-3	Aniline	ND		ug/kg dry	192	384	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
120-12-7	Anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
218-01-9	Chrysene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH





### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
206-44-0	Fluoranthene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
86-73-7	Fluorene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
78-59-1	Isophorone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
85-01-8	Phenanthrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
108-95-2	Phenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
129-00-0	Pyrene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH
110-86-1	Pyridine	ND		ug/kg dry	192	384	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 23:30	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	48.3 %	20-108
4165-62-2	Surrogate: Phenol-d5	49.3 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	44.5 %	22-108



### Sample Information

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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	53.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.5 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	38.2 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	<b>nonadecane isomer</b>	<b>2760</b>		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/13/2017 23:30	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/13/2017 23:30	KH

**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	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 00:03	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.0	38.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA



### Sample Information

**Client Sample ID:** SP-10 (8'-10')

**York Sample ID:** 17B0203-05

York Project (SDG) No.

Client Project ID

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Collection Date/Time

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150213: 198 E 135th Street Bronx NY

Soil

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02/06/2017

**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	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 00:03	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.50	9.50	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA
8001-35-2	Toxaphene	ND		ug/kg dry	96.1	96.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:03	SA

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	34.7 %									
877-09-8	Surrogate: Tetrachloro-m-xylene	25.1 %	GC-SC u								

**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	02/10/2017 07:28	02/11/2017 00:23	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:23	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:23	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:23	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:23	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:23	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 00:23	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications:	02/10/2017 07:28	02/11/2017 00:23	SA

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	42.0 %									
2051-24-3	Surrogate: Decachlorobiphenyl	47.5 %									



### Sample Information

**Client Sample ID:** SP-10 (8'-10')

**York Sample ID:** 17B0203-05

York Project (SDG) No.

Client Project ID

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150213: 198 E 135th Street Bronx NY

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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
7429-90-5	<b>Aluminum</b>	<b>5790</b>		mg/kg dry	5.75	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-36-0	Antimony	ND		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-39-3	<b>Barium</b>	<b>18.4</b>		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-41-7	<b>Beryllium</b>	<b>0.211</b>		mg/kg dry	0.115	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.345	0.345	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-70-2	<b>Calcium</b>	<b>803</b>		mg/kg dry	0.575	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-47-3	<b>Chromium</b>	<b>10.3</b>		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-48-4	<b>Cobalt</b>	<b>4.55</b>		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-50-8	<b>Copper</b>	<b>8.63</b>		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7439-89-6	<b>Iron</b>	<b>11300</b>		mg/kg dry	2.30	2.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7439-92-1	<b>Lead</b>	<b>4.89</b>		mg/kg dry	0.345	0.345	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7439-95-4	<b>Magnesium</b>	<b>2150</b>		mg/kg dry	5.75	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7439-96-5	<b>Manganese</b>	<b>107</b>		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-02-0	<b>Nickel</b>	<b>11.6</b>		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-09-7	<b>Potassium</b>	<b>830</b>		mg/kg dry	5.75	5.75	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-22-4	Silver	ND		mg/kg dry	0.575	0.575	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-23-5	<b>Sodium</b>	<b>120</b>		mg/kg dry	11.5	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-62-2	<b>Vanadium</b>	<b>11.1</b>		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV
7440-66-6	<b>Zinc</b>	<b>25.5</b>		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:06	KV



### Sample Information

**Client Sample ID:** SP-10 (8'-10')

**York Sample ID:** 17B0203-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0203

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**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	0.0345	0.0345	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 12:09	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	86.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.575	0.575	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2017 08:22	02/12/2017 12:05	AD

### Sample Information

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

**York Sample ID:** 17B0203-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:30 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS



### Sample Information

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

**York Sample ID:** 17B0203-06

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
78-93-3	<b>2-Butanone</b>	<b>5.2</b>	CCV-E	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
67-64-1	<b>Acetone</b>	<b>47</b>	CCV-E, SCAL-E	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS



### Sample Information

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

**York Sample ID:** 17B0203-06

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

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150213: 198 E 135th Street Bronx NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
91-20-3	<b>Naphthalene</b>	<b>14</b>		ug/kg dry	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 17:43	SS



### Sample Information

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

**York Sample ID:** 17B0203-06

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:30 am

02/06/2017

**Volatiles Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 17:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	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	02/08/2017 08:15	02/08/2017 17:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 17:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 17:43	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %
2037-26-5	Surrogate: Toluene-d8	94.0 %
460-00-4	Surrogate: p-Bromofluorobenzene	102 %

**Volatiles Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	methyl Butane isomer	11	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 17:43	SS
NA	pentane isomer	13	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 17:43	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

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

**York Sample ID:** 17B0203-06

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:30 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by 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	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.8	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.8	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.8	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.8	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH



### Sample Information

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

**York Sample ID:** 17B0203-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.8	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.8	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
62-53-3	Aniline	ND		ug/kg dry	192	384	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
120-12-7	<b>Anthracene</b>	<b>70.4</b>	J	ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>261</b>	CCV-E	ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>149</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>149</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>59.0</b>	J, IS-06	ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>178</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
218-01-9	<b>Chrysene</b>	<b>240</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH



### Sample Information

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

**York Sample ID:** 17B0203-06

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
206-44-0	<b>Fluoranthene</b>	<b>466</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
86-73-7	Fluorene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>75.8</b>	J, IS-06	ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
78-59-1	Isophorone	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
85-01-8	<b>Phenanthrene</b>	<b>271</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
108-95-2	Phenol	ND		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
129-00-0	<b>Pyrene</b>	<b>433</b>		ug/kg dry	48.0	95.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH
110-86-1	Pyridine	ND		ug/kg dry	192	384	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 00:02	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	51.6 %	20-108
4165-62-2	Surrogate: Phenol-d5	52.3 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	45.6 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	57.7 %	21-113



### Sample Information

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

**York Sample ID:** 17B0203-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	42.3 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/14/2017 00:02	KH

**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	02/10/2017 07:28	02/11/2017 01:18	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 01:18	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	37.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA



### Sample Information

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

**York Sample ID:** 17B0203-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:30 am

02/06/2017

**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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 01:18	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.47	9.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.9	95.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:18	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	39.8 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	35.9 %			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	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 04:24	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	02/10/2017 07:28	02/11/2017 04:24	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	56.0 %			30-140						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

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



### Sample Information

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

**York Sample ID:** 17B0203-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17B0203	150213: 198 E 135th Street Bronx NY	Soil	February 1, 2017 11:30 am	02/06/2017
7429-90-5	<b>Aluminum</b>	<b>5700</b>	mg/kg dry 5.74 5.74	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-36-0	Antimony	ND	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-38-2	<b>Arsenic</b>	<b>1.31</b>	mg/kg dry 1.15 1.15	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-39-3	<b>Barium</b>	<b>16.2</b>	mg/kg dry 1.15 1.15	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-41-7	<b>Beryllium</b>	<b>0.220</b>	mg/kg dry 0.115 0.115	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-43-9	Cadmium	ND	mg/kg dry 0.345 0.345	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-70-2	<b>Calcium</b>	<b>620</b>	mg/kg dry 0.574 5.74	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-47-3	<b>Chromium</b>	<b>8.63</b>	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-48-4	<b>Cobalt</b>	<b>4.75</b>	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-50-8	<b>Copper</b>	<b>7.30</b>	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-89-6	<b>Iron</b>	<b>10600</b>	mg/kg dry 2.30 2.30	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-92-1	<b>Lead</b>	<b>3.89</b>	mg/kg dry 0.345 0.345	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-95-4	<b>Magnesium</b>	<b>2070</b>	mg/kg dry 5.74 5.74	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7439-96-5	<b>Manganese</b>	<b>98.7</b>	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-02-0	<b>Nickel</b>	<b>11.6</b>	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-09-7	<b>Potassium</b>	<b>755</b>	mg/kg dry 5.74 5.74	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7782-49-2	Selenium	ND	mg/kg dry 1.15 1.15	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-22-4	Silver	ND	mg/kg dry 0.574 0.574	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-23-5	<b>Sodium</b>	<b>120</b>	mg/kg dry 11.5 11.5	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP
7440-28-0	Thallium	ND	mg/kg dry 1.15 1.15	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-62-2	<b>Vanadium</b>	<b>10.6</b>	mg/kg dry 1.15 1.15	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP
7440-66-6	<b>Zinc</b>	<b>22.7</b>	mg/kg dry 1.15 1.15	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:11 KV Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Mercury by 7473

Log-in Notes:

Sample Notes:



### Sample Information

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

**York Sample ID:** 17B0203-06

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:30 am	<u>Date Received</u> 02/06/2017
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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	0.0547		mg/kg dry	0.0345	0.0345	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 12:15	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	87.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

### Cyanide, Total

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.574	0.574	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2017 08:22	02/12/2017 12:05	AD

### Sample Information

**Client Sample ID:** SP-10 (12'-14')

**York Sample ID:** 17B0203-07

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:38 am	<u>Date Received</u> 02/06/2017
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### Volatile Organics, 8260 List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS



### Sample Information

**Client Sample ID:** SP-10 (12'-14')

**York Sample ID:** 17B0203-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:38 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
78-93-3	<b>2-Butanone</b>	<b>6.1</b>	CCV-E	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
67-64-1	<b>Acetone</b>	<b>54</b>	CCV-E, SCAL-E	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS





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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 18:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 18:13	SS



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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	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	02/08/2017 08:15	02/08/2017 18:13	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:13	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:13	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	77-125
2037-26-5	Surrogate: Toluene-d8	95.3 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	76-130

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 18:13	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
83-32-9	Acenaphthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
62-53-3	Aniline	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
120-12-7	Anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
218-01-9	Chrysene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH



### Sample Information

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17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:38 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
206-44-0	Fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
86-73-7	Fluorene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
78-59-1	Isophorone	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
91-20-3	Naphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
85-01-8	Phenanthrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
108-95-2	Phenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
129-00-0	Pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
110-86-1	Pyridine	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/13/2017 22:26	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: 2-Fluorophenol	47.6 %	20-108								
4165-62-2	Surrogate: Phenol-d5	54.4 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	43.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.0 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.7 %	19-110								



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	40.4 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:07	02/13/2017 22:26	KH

**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	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
309-00-2	Aldrin	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 01:48	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.1	40.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
72-20-8	Endrin	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA



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150213: 198 E 135th Street Bronx NY

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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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 01:48	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 01:48	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	38.8 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	33.1 %			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	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:36	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications:	02/10/2017 07:28	02/11/2017 03:36	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %			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
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@



**Sample Information**

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<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17B0203	150213: 198 E 135th Street Bronx NY	Soil	February 1, 2017 11:38 am	02/06/2017
7429-90-5	<b>Aluminum</b> 5690	mg/kg dry 6.08 6.08	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-36-0	Antimony ND	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-38-2	Arsenic ND	mg/kg dry 1.22 1.22	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-39-3	<b>Barium</b> 20.4	mg/kg dry 1.22 1.22	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-41-7	<b>Beryllium</b> 0.164	mg/kg dry 0.122 0.122	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-43-9	Cadmium ND	mg/kg dry 0.365 0.365	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-70-2	<b>Calcium</b> 11900	mg/kg dry 0.608 6.08	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-47-3	<b>Chromium</b> 7.15	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-48-4	<b>Cobalt</b> 3.48	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-50-8	<b>Copper</b> 5.95	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7439-89-6	<b>Iron</b> 8940	mg/kg dry 2.43 2.43	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7439-92-1	<b>Lead</b> 3.56	mg/kg dry 0.365 0.365	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7439-95-4	<b>Magnesium</b> 6680	mg/kg dry 6.08 6.08	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7439-96-5	<b>Manganese</b> 96.0	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-02-0	<b>Nickel</b> 8.17	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-09-7	<b>Potassium</b> 626	mg/kg dry 6.08 6.08	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7782-49-2	Selenium ND	mg/kg dry 1.22 1.22	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-22-4	Silver ND	mg/kg dry 0.608 0.608	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-23-5	<b>Sodium</b> 196	mg/kg dry 12.2 12.2	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-28-0	Thallium ND	mg/kg dry 1.22 1.22	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-62-2	<b>Vanadium</b> 10.8	mg/kg dry 1.22 1.22	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	
7440-66-6	<b>Zinc</b> 18.7	mg/kg dry 1.22 1.22	1 EPA 6010C 02/07/2017 11:04 02/08/2017 05:16	KV
			Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	

Mercury by 7473

Log-in Notes:

Sample Notes:





### Sample Information

**Client Sample ID:** SP-10 (12'-14')

**York Sample ID:** 17B0203-07

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:38 am	<u>Date Received</u> 02/06/2017
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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	0.0365	0.0365	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 12:24	ALD

**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.608	0.608	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2017 08:22	02/12/2017 12:05	AD

### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

<u>York Project (SDG) No.</u> 17B0203	<u>Client Project ID</u> 150213: 198 E 135th Street Bronx NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 1, 2017 11:45 am	<u>Date Received</u> 02/06/2017
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS



### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
78-93-3	<b>2-Butanone</b>	<b>36</b>	CCV-E	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
67-64-1	<b>Acetone</b>	<b>120</b>	SCAL-E, CCV-E	ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
71-43-2	Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS



### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-25-2	Bromoform	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
67-66-3	Chloroform	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
1634-04-4	<b>Methyl tert-butyl ether (MTBE)</b>	<b>6.1</b>	<b>J</b>	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.4	22	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 18:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 08:15	02/08/2017 18:43	SS



### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
100-42-5	Styrene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
108-88-3	Toluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 08:15	02/08/2017 18:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	33	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 08:15	02/08/2017 18:43	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.9 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.1 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 08:15	02/08/2017 18:43	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH



### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:45 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	145	290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	145	290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	145	290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	145	290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	145	290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	145	290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
83-32-9	Acenaphthene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
62-53-3	Aniline	ND		ug/kg dry	291	582	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
120-12-7	Anthracene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
218-01-9	Chrysene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
206-44-0	Fluoranthene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
86-73-7	Fluorene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
78-59-1	Isophorone	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
85-01-8	Phenanthrene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
108-95-2	Phenol	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
129-00-0	Pyrene	ND		ug/kg dry	72.8	145	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
110-86-1	Pyridine	ND		ug/kg dry	291	582	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:07	02/14/2017 01:38	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: 2-Fluorophenol	57.6 %	20-108								
4165-62-2	Surrogate: Phenol-d5	61.7 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	52.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	61.6 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.5 %	19-110								



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	44.8 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Heneicosane isomer	2790		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/14/2017 01:38	KH
								Certifications:			
NA	heptacosane isomer	1860		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/14/2017 01:38	KH
								Certifications:			
NA	hexacosane isomer	1510		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/14/2017 01:38	KH
								Certifications:			
NA	sitosterol isomer	4180		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/14/2017 01:38	KH
								Certifications:			
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/10/2017 07:07	02/14/2017 01:38	KH
								Certifications:			

**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	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/kg dry	57.5	57.5	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	2.87	2.87	5	EPA 8081B	02/10/2017 07:28	02/11/2017 12:05	SA
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			





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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	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
72-20-8	Endrin	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:28	02/11/2017 12:05	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
72-43-5	Methoxychlor	ND		ug/kg dry	14.4	14.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
8001-35-2	Toxaphene	ND		ug/kg dry	145	145	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 12:05	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	54.2 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	48.8 %	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	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:28	02/11/2017 03:12	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications:	02/10/2017 07:28	02/11/2017 03:12	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:45 am

02/06/2017

**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	36.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	24.5 %	GC-Sur		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	5850		mg/kg dry	8.71	8.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-36-0	Antimony	ND		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-38-2	Arsenic	6.11		mg/kg dry	1.74	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-39-3	Barium	30.2		mg/kg dry	1.74	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-41-7	Beryllium	0.270		mg/kg dry	0.174	0.174	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-70-2	Calcium	4720		mg/kg dry	0.871	8.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-47-3	Chromium	9.48		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-48-4	Cobalt	4.58		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-50-8	Copper	8.18		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7439-89-6	Iron	15000		mg/kg dry	3.48	3.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7439-92-1	Lead	16.0		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7439-95-4	Magnesium	2870		mg/kg dry	8.71	8.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7439-96-5	Manganese	164		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-02-0	Nickel	11.3		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-09-7	Potassium	986		mg/kg dry	8.71	8.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7782-49-2	Selenium	ND		mg/kg dry	1.74	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-22-4	Silver	ND		mg/kg dry	0.871	0.871	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV



### Sample Information

**Client Sample ID:** SP-10 (14'-16')

**York Sample ID:** 17B0203-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0203

150213: 198 E 135th Street Bronx NY

Soil

February 1, 2017 11:45 am

02/06/2017

**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	401		mg/kg dry	17.4	17.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-28-0	Thallium	ND		mg/kg dry	1.74	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-62-2	Vanadium	20.3		mg/kg dry	1.74	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	KV
7440-66-6	Zinc	25.7		mg/kg dry	1.74	1.74	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:04	02/08/2017 05:21	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	ND		mg/kg dry	0.0523	0.0523	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 12:33	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	57.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.871	0.871	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2017 08:22	02/12/2017 12:05	AD



## Analytical Batch Summary

**Batch ID:** BB70284      **Preparation Method:** EPA 7473 soil      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/07/17
17B0203-02	SP-10 (2'-4')	02/07/17
17B0203-03	SP-10 (4'-6')	02/07/17
17B0203-04	SP-10 (6'-8')	02/07/17
BB70284-BLK1	Blank	02/07/17
BB70284-SRM1	Reference	02/07/17

**Batch ID:** BB70329      **Preparation Method:** EPA 3050B      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/07/17
17B0203-02	SP-10 (2'-4')	02/07/17
17B0203-03	SP-10 (4'-6')	02/07/17
17B0203-04	SP-10 (6'-8')	02/07/17
17B0203-05	SP-10 (8'-10')	02/07/17
17B0203-06	SP-10 (10'-12')	02/07/17
17B0203-07	SP-10 (12'-14')	02/07/17
17B0203-08	SP-10 (14'-16')	02/07/17
BB70329-BLK1	Blank	02/07/17
BB70329-SRM1	Reference	02/07/17

**Batch ID:** BB70352      **Preparation Method:** EPA 7473 soil      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-05	SP-10 (8'-10')	02/08/17
17B0203-06	SP-10 (10'-12')	02/08/17
17B0203-07	SP-10 (12'-14')	02/08/17
17B0203-08	SP-10 (14'-16')	02/08/17
BB70352-BLK1	Blank	02/08/17
BB70352-SRM1	Reference	02/08/17

**Batch ID:** BB70369      **Preparation Method:** EPA 5035A      **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/08/17
17B0203-02	SP-10 (2'-4')	02/08/17
17B0203-03	SP-10 (4'-6')	02/08/17
17B0203-04	SP-10 (6'-8')	02/08/17
17B0203-05	SP-10 (8'-10')	02/08/17
17B0203-06	SP-10 (10'-12')	02/08/17
17B0203-07	SP-10 (12'-14')	02/08/17
17B0203-08	SP-10 (14'-16')	02/08/17
BB70369-BLK1	Blank	02/08/17
BB70369-BS1	LCS	02/08/17



BB70369-BSD1

LCS Dup

02/08/17

**Batch ID:** BB70455

**Preparation Method:** EPA 3550C

**Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/10/17
17B0203-02	SP-10 (2'-4')	02/10/17
17B0203-03	SP-10 (4'-6')	02/10/17
17B0203-04	SP-10 (6'-8')	02/10/17
17B0203-05	SP-10 (8'-10')	02/10/17
17B0203-06	SP-10 (10'-12')	02/10/17
17B0203-07	SP-10 (12'-14')	02/10/17
17B0203-08	SP-10 (14'-16')	02/10/17
BB70455-BLK1	Blank	02/10/17
BB70455-BS1	LCS	02/10/17
BB70455-BSD1	LCS Dup	02/10/17

**Batch ID:** BB70458

**Preparation Method:** EPA 3550C

**Prepared By:** TBM

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/10/17
17B0203-01	SP-10 (0'-2')	02/10/17
17B0203-02	SP-10 (2'-4')	02/10/17
17B0203-02	SP-10 (2'-4')	02/10/17
17B0203-03	SP-10 (4'-6')	02/10/17
17B0203-03	SP-10 (4'-6')	02/10/17
17B0203-04	SP-10 (6'-8')	02/10/17
17B0203-04	SP-10 (6'-8')	02/10/17
17B0203-05	SP-10 (8'-10')	02/10/17
17B0203-05	SP-10 (8'-10')	02/10/17
17B0203-06	SP-10 (10'-12')	02/10/17
17B0203-06	SP-10 (10'-12')	02/10/17
17B0203-07	SP-10 (12'-14')	02/10/17
17B0203-07	SP-10 (12'-14')	02/10/17
17B0203-08	SP-10 (14'-16')	02/10/17
17B0203-08	SP-10 (14'-16')	02/10/17
BB70458-BLK1	Blank	02/10/17
BB70458-BLK2	Blank	02/10/17
BB70458-BS1	LCS	02/10/17
BB70458-BS2	LCS	02/10/17

**Batch ID:** BB70472

**Preparation Method:** % Solids Prep

**Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/10/17
17B0203-02	SP-10 (2'-4')	02/10/17
17B0203-03	SP-10 (4'-6')	02/10/17
17B0203-04	SP-10 (6'-8')	02/10/17
17B0203-05	SP-10 (8'-10')	02/10/17
17B0203-06	SP-10 (10'-12')	02/10/17



17B0203-07 SP-10 (12'-14') 02/10/17  
17B0203-08 SP-10 (14'-16') 02/10/17

**Batch ID:** BB70567      **Preparation Method:** Analysis Preparation Soil      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
17B0203-01	SP-10 (0'-2')	02/12/17
17B0203-02	SP-10 (2'-4')	02/12/17
17B0203-03	SP-10 (4'-6')	02/12/17
17B0203-04	SP-10 (6'-8')	02/12/17
17B0203-05	SP-10 (8'-10')	02/12/17
17B0203-06	SP-10 (10'-12')	02/12/17
17B0203-07	SP-10 (12'-14')	02/12/17
17B0203-08	SP-10 (14'-16')	02/12/17
BB70567-BLK1	Blank	02/12/17
BB70567-SRM1	Reference	02/12/17



**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
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**Batch BB70369 - EPA 5035A**

**Blank (BB70369-BLK1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70369 - EPA 5035A

Blank (BB70369-BLK1)

Prepared & Analyzed: 02/08/2017

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-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								

Surrogate: 1,2-Dichloroethane-d4	52.0		ug/L	50.0		104	77-125				
Surrogate: Toluene-d8	46.4		"	50.0		92.8	85-120				
Surrogate: p-Bromofluorobenzene	52.5		"	50.0		105	76-130				

LCS (BB70369-BS1)

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	55.0		ug/L	50.0		110	75-129				
1,1,1-Trichloroethane	56.7		"	50.0		113	71-137				
1,1,2,2-Tetrachloroethane	57.0		"	50.0		114	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.9		"	50.0		108	58-146				
1,1,2-Trichloroethane	53.5		"	50.0		107	83-123				
1,1-Dichloroethane	59.6		"	50.0		119	75-130				
1,1-Dichloroethylene	58.1		"	50.0		116	64-137				
1,1-Dichloropropylene	60.4		"	50.0		121	77-127				
1,2,3-Trichlorobenzene	58.9		"	50.0		118	81-140				
1,2,3-Trichloropropane	64.4		"	50.0		129	81-126	High Bias			
1,2,4-Trichlorobenzene	57.7		"	50.0		115	80-141				
1,2,4-Trimethylbenzene	59.3		"	50.0		119	84-125				
1,2-Dibromo-3-chloropropane	66.6		"	50.0		133	74-142				
1,2-Dibromoethane	55.4		"	50.0		111	86-123				
1,2-Dichlorobenzene	53.9		"	50.0		108	85-122				
1,2-Dichloroethane	59.4		"	50.0		119	71-133				
1,2-Dichloropropane	59.8		"	50.0		120	81-122				
1,3,5-Trimethylbenzene	59.6		"	50.0		119	82-126				
1,3-Dichlorobenzene	54.9		"	50.0		110	84-124				
1,3-Dichloropropane	54.2		"	50.0		108	83-123				
1,4-Dichlorobenzene	54.4		"	50.0		109	84-124				
1,4-Dioxane	1000		"	1000		100	10-228				
2,2-Dichloropropane	64.6		"	50.0		129	67-136				
2-Butanone	59.3		"	50.0		119	58-147				
2-Chlorotoluene	60.7		"	50.0		121	78-127				
4-Chlorotoluene	60.4		"	50.0		121	79-125				
Acetone	38.4		"	50.0		76.8	36-155				
Benzene	56.4		"	50.0		113	77-127				
Bromobenzene	66.5		"	50.0		133	77-129	High Bias			





**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70369 - EPA 5035A**

**LCS (BB70369-BS1)**

Prepared & Analyzed: 02/08/2017

Bromochloromethane	58.2		ug/L	50.0		116	74-129				
Bromodichloromethane	56.3		"	50.0		113	81-124				
Bromoform	58.5		"	50.0		117	80-136				
Bromomethane	43.0		"	50.0		85.9	32-177				
Carbon tetrachloride	60.4		"	50.0		121	66-143				
Chlorobenzene	53.2		"	50.0		106	86-120				
Chloroethane	59.5		"	50.0		119	51-142				
Chloroform	55.2		"	50.0		110	76-131				
Chloromethane	46.3		"	50.0		92.5	49-132				
cis-1,2-Dichloroethylene	56.8		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	62.0		"	50.0		124	81-129				
Dibromochloromethane	56.3		"	50.0		113	10-200				
Dibromomethane	59.1		"	50.0		118	83-124				
Dichlorodifluoromethane	71.9		"	50.0		144	28-158				
Ethyl Benzene	56.1		"	50.0		112	84-125				
Hexachlorobutadiene	60.8		"	50.0		122	83-133				
Isopropylbenzene	61.9		"	50.0		124	81-127				
Methyl tert-butyl ether (MTBE)	60.1		"	50.0		120	74-131				
Methylene chloride	30.0		"	50.0		60.0	57-141				
Naphthalene	58.0		"	50.0		116	86-141				
n-Butylbenzene	59.9		"	50.0		120	80-130				
n-Propylbenzene	59.8		"	50.0		120	74-136				
o-Xylene	54.6		"	50.0		109	83-123				
p- & m- Xylenes	108		"	100		108	82-128				
p-Isopropyltoluene	60.0		"	50.0		120	85-125				
sec-Butylbenzene	61.2		"	50.0		122	83-125				
Styrene	54.4		"	50.0		109	86-126				
tert-Butylbenzene	59.6		"	50.0		119	80-127				
Tetrachloroethylene	51.9		"	50.0		104	80-129				
Toluene	49.3		"	50.0		98.6	85-121				
trans-1,2-Dichloroethylene	60.3		"	50.0		121	72-132				
trans-1,3-Dichloropropylene	61.1		"	50.0		122	78-132				
Trichloroethylene	62.8		"	50.0		126	84-123	High Bias			
Trichlorofluoromethane	56.6		"	50.0		113	62-140				
Vinyl acetate	62.4		"	50.0		125	67-136				
Vinyl Chloride	50.5		"	50.0		101	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.7		"	50.0		111	77-125				
<i>Surrogate: Toluene-d8</i>	48.3		"	50.0		96.6	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	51.8		"	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
<b>Batch BB70369 - EPA 5035A</b>											
<b>LCS Dup (BB70369-BSD1)</b>											
Prepared & Analyzed: 02/08/2017											
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129		5.48	30	
1,1,1-Trichloroethane	53.9		"	50.0		108	71-137		5.10	30	
1,1,2,2-Tetrachloroethane	56.0		"	50.0		112	79-129		1.75	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.0		"	50.0		104	58-146		3.44	30	
1,1,2-Trichloroethane	49.4		"	50.0		98.9	83-123		7.94	30	
1,1-Dichloroethane	55.3		"	50.0		111	75-130		7.51	30	
1,1-Dichloroethylene	55.0		"	50.0		110	64-137		5.36	30	
1,1-Dichloropropylene	56.9		"	50.0		114	77-127		5.98	30	
1,2,3-Trichlorobenzene	56.3		"	50.0		113	81-140		4.50	30	
1,2,3-Trichloropropane	66.7		"	50.0		133	81-126	High Bias	3.54	30	
1,2,4-Trichlorobenzene	57.7		"	50.0		115	80-141		0.0173	30	
1,2,4-Trimethylbenzene	57.9		"	50.0		116	84-125		2.34	30	
1,2-Dibromo-3-chloropropane	67.4		"	50.0		135	74-142		1.09	30	
1,2-Dibromoethane	52.5		"	50.0		105	86-123		5.48	30	
1,2-Dichlorobenzene	52.6		"	50.0		105	85-122		2.48	30	
1,2-Dichloroethane	56.4		"	50.0		113	71-133		5.13	30	
1,2-Dichloropropane	57.2		"	50.0		114	81-122		4.39	30	
1,3,5-Trimethylbenzene	58.2		"	50.0		116	82-126		2.51	30	
1,3-Dichlorobenzene	53.3		"	50.0		107	84-124		2.92	30	
1,3-Dichloropropane	53.0		"	50.0		106	83-123		2.16	30	
1,4-Dichlorobenzene	52.8		"	50.0		106	84-124		2.98	30	
1,4-Dioxane	1060		"	1000		106	10-228		5.11	30	
2,2-Dichloropropane	62.5		"	50.0		125	67-136		3.32	30	
2-Butanone	65.3		"	50.0		131	58-147		9.63	30	
2-Chlorotoluene	58.4		"	50.0		117	78-127		3.90	30	
4-Chlorotoluene	58.8		"	50.0		118	79-125		2.72	30	
Acetone	71.4		"	50.0		143	36-155		60.0	30	Non-dir.
Benzene	52.2		"	50.0		104	77-127		7.83	30	
Bromobenzene	63.4		"	50.0		127	77-129		4.79	30	
Bromochloromethane	53.6		"	50.0		107	74-129		8.20	30	
Bromodichloromethane	52.3		"	50.0		105	81-124		7.31	30	
Bromoform	55.1		"	50.0		110	80-136		5.97	30	
Bromomethane	38.8		"	50.0		77.5	32-177		10.3	30	
Carbon tetrachloride	56.2		"	50.0		112	66-143		7.19	30	
Chlorobenzene	50.6		"	50.0		101	86-120		4.84	30	
Chloroethane	49.8		"	50.0		99.5	51-142		17.8	30	
Chloroform	50.9		"	50.0		102	76-131		8.14	30	
Chloromethane	41.6		"	50.0		83.3	49-132		10.5	30	
cis-1,2-Dichloroethylene	53.6		"	50.0		107	74-132		5.79	30	
cis-1,3-Dichloropropylene	59.4		"	50.0		119	81-129		4.37	30	
Dibromochloromethane	52.6		"	50.0		105	10-200		6.72	30	
Dibromomethane	57.0		"	50.0		114	83-124		3.55	30	
Dichlorodifluoromethane	64.2		"	50.0		128	28-158		11.3	30	
Ethyl Benzene	53.0		"	50.0		106	84-125		5.81	30	
Hexachlorobutadiene	60.1		"	50.0		120	83-133		1.14	30	
Isopropylbenzene	58.9		"	50.0		118	81-127		4.85	30	
Methyl tert-butyl ether (MTBE)	55.3		"	50.0		111	74-131		8.37	30	
Methylene chloride	28.3		"	50.0		56.6	57-141	Low Bias	5.84	30	
Naphthalene	57.1		"	50.0		114	86-141		1.51	30	
n-Butylbenzene	59.3		"	50.0		119	80-130		1.02	30	
n-Propylbenzene	59.0		"	50.0		118	74-136		1.30	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70369 - EPA 5035A

LCS Dup (BB70369-BSD1)

Prepared & Analyzed: 02/08/2017

o-Xylene	51.0		ug/L	50.0		102	83-123		6.68	30	
p- & m- Xylenes	102		"	100		102	82-128		5.13	30	
p-Isopropyltoluene	59.0		"	50.0		118	85-125		1.78	30	
sec-Butylbenzene	58.4		"	50.0		117	83-125		4.73	30	
Styrene	51.2		"	50.0		102	86-126		6.23	30	
tert-Butylbenzene	57.1		"	50.0		114	80-127		4.39	30	
Tetrachloroethylene	48.7		"	50.0		97.5	80-129		6.30	30	
Toluene	46.7		"	50.0		93.5	85-121		5.37	30	
trans-1,2-Dichloroethylene	54.8		"	50.0		110	72-132		9.54	30	
trans-1,3-Dichloropropylene	59.2		"	50.0		118	78-132		3.23	30	
Trichloroethylene	59.5		"	50.0		119	84-123		5.35	30	
Trichlorofluoromethane	53.2		"	50.0		106	62-140		6.08	30	
Vinyl acetate	58.2		"	50.0		116	67-136		6.85	30	
Vinyl Chloride	48.5		"	50.0		97.0	52-130		4.12	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>54.2</i>		<i>"</i>	<i>50.0</i>		<i>108</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.1</i>		<i>"</i>	<i>50.0</i>		<i>96.2</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.8</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>76-130</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70455 - EPA 3550C

Blank (BB70455-BLK1)

Prepared: 02/10/2017 Analyzed: 02/13/2017

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	"
2,4,5-Trichlorophenol	ND	41.7	"
2,4,6-Trichlorophenol	ND	41.7	"
2,4-Dichlorophenol	ND	41.7	"
2,4-Dimethylphenol	ND	41.7	"
2,4-Dinitrophenol	ND	83.3	"
2,4-Dinitrotoluene	ND	41.7	"
2,6-Dinitrotoluene	ND	41.7	"
2-Chloronaphthalene	ND	41.7	"
2-Chlorophenol	ND	41.7	"
2-Methylnaphthalene	ND	41.7	"
2-Methylphenol	ND	41.7	"
2-Nitroaniline	ND	83.3	"
2-Nitrophenol	ND	41.7	"
3- & 4-Methylphenols	ND	41.7	"
3,3-Dichlorobenzidine	ND	41.7	"
3-Nitroaniline	ND	83.3	"
4,6-Dinitro-2-methylphenol	ND	83.3	"
4-Bromophenyl phenyl ether	ND	41.7	"
4-Chloro-3-methylphenol	ND	41.7	"
4-Chloroaniline	ND	41.7	"
4-Chlorophenyl phenyl ether	ND	41.7	"
4-Nitroaniline	ND	83.3	"
4-Nitrophenol	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 alcohol	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	"
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	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70455 - EPA 3550C

Blank (BB70455-BLK1)

Prepared: 02/10/2017 Analyzed: 02/13/2017

Hexachlorobenzene	ND	41.7	ug/kg wet								
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	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
Surrogate: 2-Fluorophenol	883		"	2650		33.4		20-108			
Surrogate: Phenol-d5	681		"	2710		25.2		23-114			
Surrogate: Nitrobenzene-d5	946		"	1740		54.4		22-108			
Surrogate: 2-Fluorobiphenyl	758		"	1780		42.6		21-113			
Surrogate: 2,4,6-Tribromophenol	749		"	2510		29.9		19-110			
Surrogate: Terphenyl-d14	592		"	1740		34.0		24-116			

LCS (BB70455-BS1)

Prepared: 02/10/2017 Analyzed: 02/13/2017

1,2,4-Trichlorobenzene	1050	41.7	ug/kg wet	1670		62.9		23-130			
1,2-Dichlorobenzene	1050	41.7	"	1670		62.8		26-113			
1,3-Dichlorobenzene	921	41.7	"	1670		55.3		32-113			
1,4-Dichlorobenzene	934	41.7	"	1670		56.1		28-111			
2,4,5-Trichlorophenol	936	41.7	"	1670		56.1		14-138			
2,4,6-Trichlorophenol	1110	41.7	"	1670		66.4		27-122			
2,4-Dichlorophenol	788	41.7	"	1670		47.3		23-133			
2,4-Dimethylphenol	23.3	41.7	"	1670		1.40		15-131		Low Bias	
2,4-Dinitrophenol	357	83.3	"	1670		21.4		10-149			
2,4-Dinitrotoluene	785	41.7	"	1670		47.1		30-123			
2,6-Dinitrotoluene	911	41.7	"	1670		54.6		30-125			
2-Chloronaphthalene	961	41.7	"	1670		57.7		22-115			
2-Chlorophenol	808	41.7	"	1670		48.5		25-121			
2-Methylnaphthalene	1020	41.7	"	1670		61.2		16-127			
2-Methylphenol	743	41.7	"	1670		44.6		10-146			
2-Nitroaniline	694	83.3	"	1670		41.6		24-126			
2-Nitrophenol	747	41.7	"	1670		44.8		17-129			
3- & 4-Methylphenols	ND	41.7	"	1670				20-109		Low Bias	
3,3-Dichlorobenzidine	1050	41.7	"	8330		12.6		10-147			
3-Nitroaniline	1690	83.3	"	1670		101		23-123			
4,6-Dinitro-2-methylphenol	576	83.3	"	1670		34.6		10-149			
4-Bromophenyl phenyl ether	1110	41.7	"	1670		66.3		30-138			
4-Chloro-3-methylphenol	435	41.7	"	1670		26.1		16-138			
4-Chloroaniline	1160	41.7	"	1670		69.5		10-117			
4-Chlorophenyl phenyl ether	1320	41.7	"	1670		79.5		18-132			
4-Nitroaniline	ND	83.3	"	1670				14-125		Low Bias	
4-Nitrophenol	97.7	83.3	"	1670		5.86		10-136		Low Bias	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70455 - EPA 3550C

LCS (BB70455-BS1)

Prepared: 02/10/2017 Analyzed: 02/13/2017

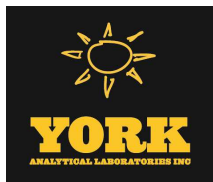
Acenaphthene	984	41.7	ug/kg wet	1670		59.0	17-124			
Acenaphthylene	889	41.7	"	1670		53.3	16-124			
Aniline	1220	167	"	1670		73.0	10-111			
Anthracene	929	41.7	"	1670		55.7	24-124			
Benzo(a)anthracene	918	41.7	"	1670		55.1	25-134			
Benzo(a)pyrene	673	41.7	"	1670		40.4	29-144			
Benzo(b)fluoranthene	1500	41.7	"	1670		90.2	20-151			
Benzo(g,h,i)perylene	1040	41.7	"	1670		62.4	10-153			
Benzo(k)fluoranthene	1560	41.7	"	1670		93.7	10-148			
Benzyl alcohol	919	41.7	"	1670		55.1	17-128			
Benzyl butyl phthalate	749	41.7	"	1670		44.9	10-132			
Bis(2-chloroethoxy)methane	773	41.7	"	1670		46.4	10-129			
Bis(2-chloroethyl)ether	852	41.7	"	1670		51.1	14-125			
Bis(2-chloroisopropyl)ether	1000	41.7	"	1670		60.3	14-122			
Bis(2-ethylhexyl)phthalate	776	41.7	"	1670		46.6	10-141			
Chrysene	950	41.7	"	1670		57.0	24-116			
Dibenzo(a,h)anthracene	1120	41.7	"	1670		66.9	17-147			
Dibenzofuran	1020	41.7	"	1670		61.3	23-123			
Diethyl phthalate	1030	41.7	"	1670		62.1	23-122			
Dimethyl phthalate	1080	41.7	"	1670		64.9	28-127			
Di-n-butyl phthalate	855	41.7	"	1670		51.3	19-123			
Di-n-octyl phthalate	700	41.7	"	1670		42.0	10-132			
Fluoranthene	1010	41.7	"	1670		60.8	36-125			
Fluorene	978	41.7	"	1670		58.7	16-130			
Hexachlorobenzene	1110	41.7	"	1670		66.8	10-129			
Hexachlorobutadiene	1630	41.7	"	1670		97.7	22-153			
Hexachlorocyclopentadiene	85.3	41.7	"	1670		5.12	10-134	Low Bias		
Hexachloroethane	1460	41.7	"	1670		87.7	20-112			
Indeno(1,2,3-cd)pyrene	1120	41.7	"	1670		66.9	10-155			
Isophorone	896	41.7	"	1670		53.7	14-131			
Naphthalene	904	41.7	"	1670		54.2	20-121			
Nitrobenzene	1200	41.7	"	1670		71.9	20-121			
N-Nitrosodimethylamine	501	41.7	"	1670		30.1	10-124			
N-nitroso-di-n-propylamine	1060	41.7	"	1670		63.4	21-119			
N-Nitrosodiphenylamine	1180	41.7	"	1670		70.7	10-163			
Pentachlorophenol	176	41.7	"	1670		10.6	10-143			
Phenanthrene	938	41.7	"	1670		56.3	24-123			
Phenol	56.3	41.7	"	1670		3.38	15-123	Low Bias		
Pyrene	932	41.7	"	1670		55.9	24-132			
Pyridine	262	167	"	1670		15.7	10-92			
Surrogate: 2-Fluorophenol	1230		"	2650		46.6	20-108			
Surrogate: Phenol-d5	1420		"	2710		52.4	23-114			
Surrogate: Nitrobenzene-d5	1240		"	1740		71.1	22-108			
Surrogate: 2-Fluorobiphenyl	961		"	1780		54.0	21-113			
Surrogate: 2,4,6-Tribromophenol	1380		"	2510		55.1	30-130			
Surrogate: Terphenyl-d14	832		"	1740		47.8	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
<b>Batch BB70455 - EPA 3550C</b>											
<b>LCS Dup (BB70455-BSD1)</b>											
Prepared: 02/10/2017 Analyzed: 02/13/2017											
1,2,4-Trichlorobenzene	1420	41.7	ug/kg wet	1670		85.5	23-130		30.4	30	Non-dir.
1,2-Dichlorobenzene	1270	41.7	"	1670		76.1	26-113		19.1	30	
1,3-Dichlorobenzene	1040	41.7	"	1670		62.5	32-113		12.2	30	
1,4-Dichlorobenzene	1090	41.7	"	1670		65.4	28-111		15.4	30	
2,4,5-Trichlorophenol	1310	41.7	"	1670		78.8	14-138		33.6	30	Non-dir.
2,4,6-Trichlorophenol	1460	41.7	"	1670		87.4	27-122		27.4	30	
2,4-Dichlorophenol	1150	41.7	"	1670		69.2	23-133		37.7	30	Non-dir.
2,4-Dimethylphenol	44.3	41.7	"	1670		2.66	15-131	Low Bias	62.1	30	Non-dir.
2,4-Dinitrophenol	593	83.3	"	1670		35.6	10-149		49.8	30	Non-dir.
2,4-Dinitrotoluene	1030	41.7	"	1670		62.0	30-123		27.3	30	
2,6-Dinitrotoluene	1200	41.7	"	1670		72.1	30-125		27.5	30	
2-Chloronaphthalene	1250	41.7	"	1670		75.1	22-115		26.2	30	
2-Chlorophenol	1020	41.7	"	1670		61.2	25-121		23.2	30	
2-Methylnaphthalene	24.3	41.7	"	1670		1.46	16-127	Low Bias	191	30	Non-dir.
2-Methylphenol	1090	41.7	"	1670		65.2	10-146		37.6	30	Non-dir.
2-Nitroaniline	974	83.3	"	1670		58.4	24-126		33.5	30	Non-dir.
2-Nitrophenol	1010	41.7	"	1670		60.4	17-129		29.5	30	
3- & 4-Methylphenols	43.7	41.7	"	1670		2.62	20-109	Low Bias	86.3	30	Non-dir.
3,3-Dichlorobenzidine	1410	41.7	"	8330		16.9	10-147		29.5	30	
3-Nitroaniline	1870	83.3	"	1670		112	23-123		10.4	30	
4,6-Dinitro-2-methylphenol	744	83.3	"	1670		44.6	10-149		25.4	30	
4-Bromophenyl phenyl ether	1470	41.7	"	1670		88.1	30-138		28.3	30	
4-Chloro-3-methylphenol	650	41.7	"	1670		39.0	16-138		39.7	30	Non-dir.
4-Chloroaniline	1240	41.7	"	1670		74.2	10-117		6.51	30	
4-Chlorophenyl phenyl ether	1750	41.7	"	1670		105	18-132		27.8	30	
4-Nitroaniline	ND	83.3	"	1670			14-125	Low Bias		30	
4-Nitrophenol	122	83.3	"	1670		7.32	10-136	Low Bias	22.2	30	
Acenaphthene	1280	41.7	"	1670		76.5	17-124		25.8	30	
Acenaphthylene	1160	41.7	"	1670		69.5	16-124		26.4	30	
Aniline	1430	167	"	1670		85.6	10-111		15.8	30	
Anthracene	1120	41.7	"	1670		67.3	24-124		18.8	30	
Benzo(a)anthracene	1190	41.7	"	1670		71.1	25-134		25.4	30	
Benzo(a)pyrene	873	41.7	"	1670		52.4	29-144		26.0	30	
Benzo(b)fluoranthene	1890	41.7	"	1670		113	20-151		22.8	30	
Benzo(g,h,i)perylene	1230	41.7	"	1670		73.8	10-153		16.7	30	
Benzo(k)fluoranthene	2020	41.7	"	1670		121	10-148		25.6	30	
Benzyl alcohol	1090	41.7	"	1670		65.4	17-128		17.1	30	
Benzyl butyl phthalate	979	41.7	"	1670		58.7	10-132		26.7	30	
Bis(2-chloroethoxy)methane	1060	41.7	"	1670		63.8	10-129		31.6	30	Non-dir.
Bis(2-chloroethyl)ether	1120	41.7	"	1670		67.1	14-125		27.1	30	
Bis(2-chloroisopropyl)ether	1240	41.7	"	1670		74.5	14-122		21.1	30	
Bis(2-ethylhexyl)phthalate	1020	41.7	"	1670		61.3	10-141		27.4	30	
Chrysene	1180	41.7	"	1670		71.0	24-116		21.9	30	
Dibenzo(a,h)anthracene	1450	41.7	"	1670		86.7	17-147		25.8	30	
Dibenzofuran	1310	41.7	"	1670		78.5	23-123		24.7	30	
Diethyl phthalate	1380	41.7	"	1670		83.0	23-122		28.9	30	
Dimethyl phthalate	1410	41.7	"	1670		84.6	28-127		26.3	30	
Di-n-butyl phthalate	ND	41.7	"	1670			19-123	Low Bias		30	
Di-n-octyl phthalate	892	41.7	"	1670		53.5	10-132		24.0	30	
Fluoranthene	1300	41.7	"	1670		78.0	36-125		24.8	30	
Fluorene	1330	41.7	"	1670		80.0	16-130		30.7	30	Non-dir.

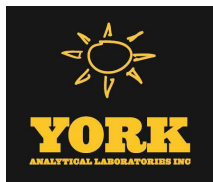


Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD		
		Limit	Units						RPD	Limit	Flag
<b>Batch BB70455 - EPA 3550C</b>											
<b>LCS Dup (BB70455-BSD1)</b>											
						Prepared: 02/10/2017 Analyzed: 02/13/2017					
Hexachlorobenzene	1540	41.7	ug/kg wet	1670		92.3	10-129		32.0	30	Non-dir.
Hexachlorobutadiene	2170	41.7	"	1670		130	22-153		28.7	30	
Hexachlorocyclopentadiene	120	41.7	"	1670		7.18	10-134	Low Bias	33.5	30	Non-dir.
Hexachloroethane	1890	41.7	"	1670		114	20-112	High Bias	25.8	30	
Indeno(1,2,3-cd)pyrene	1350	41.7	"	1670		81.1	10-155		19.2	30	
Isophorone	1190	41.7	"	1670		71.4	14-131		28.2	30	
Naphthalene	1240	41.7	"	1670		74.4	20-121		31.3	30	Non-dir.
Nitrobenzene	1500	41.7	"	1670		90.0	20-121		22.4	30	
N-Nitrosodimethylamine	706	41.7	"	1670		42.4	10-124		33.9	30	Non-dir.
N-nitroso-di-n-propylamine	1320	41.7	"	1670		79.4	21-119		22.5	30	
N-Nitrosodiphenylamine	1680	41.7	"	1670		101	10-163		35.2	30	Non-dir.
Pentachlorophenol	125	41.7	"	1670		7.50	10-143	Low Bias	33.9	30	Non-dir.
Phenanthrene	1200	41.7	"	1670		71.9	24-123		24.3	30	
Phenol	59.3	41.7	"	1670		3.56	15-123	Low Bias	5.19	30	
Pyrene	1110	41.7	"	1670		66.5	24-132		17.4	30	
Pyridine	364	167	"	1670		21.8	10-92		32.4	30	Non-dir.
<i>Surrogate: 2-Fluorophenol</i>	<i>1360</i>		<i>"</i>	<i>2650</i>		<i>51.4</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>1720</i>		<i>"</i>	<i>2710</i>		<i>63.4</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1630</i>		<i>"</i>	<i>1740</i>		<i>93.9</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1360</i>		<i>"</i>	<i>1780</i>		<i>76.4</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1670</i>		<i>"</i>	<i>2510</i>		<i>66.5</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1050</i>		<i>"</i>	<i>1740</i>		<i>60.3</i>	<i>24-116</i>				





**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70458 - EPA 3550C**

**Blank (BB70458-BLK1)**

Prepared & Analyzed: 02/10/2017

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	"								

<i>Surrogate: Decachlorobiphenyl</i>	31.5		"	66.7	47.3	30-150
<i>Surrogate: Tetrachloro-m-xylene</i>	36.9		"	66.7	55.4	30-150

**LCS (BB70458-BS1)**

Prepared & Analyzed: 02/10/2017

4,4'-DDD	22.5	0.330	ug/kg wet	33.3	67.4	40-140
4,4'-DDE	22.1	0.330	"	33.3	66.2	40-140
4,4'-DDT	19.3	0.330	"	33.3	57.9	40-140
Aldrin	26.6	0.330	"	33.3	79.7	40-140
alpha-BHC	26.2	0.330	"	33.3	78.7	40-140
alpha-Chlordane	23.5	0.330	"	33.3	70.4	40-140
beta-BHC	22.6	0.330	"	33.3	67.8	40-140
delta-BHC	23.9	0.330	"	33.3	71.7	40-140
Dieldrin	22.4	0.330	"	33.3	67.2	40-140
Endosulfan I	24.2	0.330	"	33.3	72.5	40-140
Endosulfan II	22.9	0.330	"	33.3	68.7	40-140
Endosulfan sulfate	25.4	0.330	"	33.3	76.2	40-140
Endrin	22.5	0.330	"	33.3	67.6	40-140
Endrin aldehyde	25.6	0.330	"	33.3	76.8	40-140
Endrin ketone	25.1	0.330	"	33.3	75.4	40-140
gamma-BHC (Lindane)	25.2	0.330	"	33.3	75.5	40-140
gamma-Chlordane	23.5	0.330	"	33.3	70.5	40-140
Heptachlor	22.1	0.330	"	33.3	66.3	40-140
Heptachlor epoxide	24.1	0.330	"	33.3	72.4	40-140
Methoxychlor	18.5	1.65	"	33.3	55.4	40-140

<i>Surrogate: Decachlorobiphenyl</i>	31.2		"	66.7	46.9	30-150
<i>Surrogate: Tetrachloro-m-xylene</i>	27.0		"	66.7	40.5	30-150



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch Y7B1304 - BB70285**

**Performance Mix (Y7B1304-PEM1)**

Prepared & Analyzed: 02/11/2017

4,4'-DDD	7.29		ng/mL	0.00				0-200					
4,4'-DDE	0.631		"	0.00				0-200					
4,4'-DDT	141		"	200		70.6		0-200					
Endrin	81.2		"	100		81.2		0-200					
Endrin aldehyde	2.31		"	0.00				0-200					
Endrin ketone	7.46		"	0.00				0-200					

**Performance Mix (Y7B1304-PEM3)**

Prepared: 02/11/2017 Analyzed: 02/12/2017

4,4'-DDD	14.6		ng/mL	0.00				0-200					
4,4'-DDE	0.546		"	0.00				0-200					
4,4'-DDT	156		"	200		78.2		0-200					
Endrin	90.0		"	100		90.0		0-200					
Endrin aldehyde	2.00		"	0.00				0-200					
Endrin ketone	8.20		"	0.00				0-200					



**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70458 - EPA 3550C**

**Blank (BB70458-BLK2)**

Prepared & Analyzed: 02/10/2017

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	"										

<i>Surrogate: Tetrachloro-m-xylene</i>	0.0497		"	0.0667		74.5		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0573		"	0.0667		86.0		30-140					

**LCS (BB70458-BS2)**

Prepared & Analyzed: 02/10/2017

Aroclor 1016	0.265	0.0167	mg/kg wet	0.333		79.4		40-130					
Aroclor 1260	0.258	0.0167	"	0.333		77.5		40-130					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0413		"	0.0667		62.0		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0450		"	0.0667		67.5		30-140					



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70329 - EPA 3050B**

**Blank (BB70329-BLK1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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 (BB70329-SRM1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aluminum	6530	5.00	mg/kg wet	8200		79.7	40-159.7				
Antimony	25.0	0.500	"	105		23.8	19.6-254.3				
Arsenic	182	1.00	"	221		82.6	71-133.5				
Barium	371	1.00	"	428		86.6	74.6-125.5				
Beryllium	89.2	0.100	"	112		79.6	75-125				
Cadmium	97.6	0.300	"	126		77.5	73.3-126.2				
Calcium	4820	5.00	"	6160		78.3	73.9-126.1				
Chromium	58.8	0.500	"	74.7		78.8	68.5-131.3				
Cobalt	148	0.500	"	198		75.0	74.7-125.8				
Copper	69.7	0.500	"	83.3		83.7	73.8-130.8				
Iron	12500	2.00	"	14600		85.9	36.1-163.7				
Lead	65.1	0.300	"	76.9		84.6	68.8-131.3				
Magnesium	2480	5.00	"	3180		77.9	66.9-133.3				
Manganese	377	0.500	"	452		83.4	76.5-123.5				
Nickel	140	0.500	"	178		78.5	73.6-128.7				
Potassium	2360	5.00	"	2820		83.5	62.1-137.9				
Selenium	89.7	1.00	"	111		80.8	65.7-134.2				
Silver	1.29	0.500	"	59.6		2.17	66.8-133.1	Low Bias			
Sodium	577	10.0	"	643		89.7	54.9-145				
Thallium	113	1.00	"	151		74.8	68.2-131.1				
Vanadium	116	1.00	"	150		77.3	70.7-129.3				
Zinc	258	1.00	"	338		76.2	71.9-127.8				



**Mercury by EPA 7000/200 Series Methods - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits		Limit			
<b>Batch BB70284 - EPA 7473 soil</b>											
<b>Blank (BB70284-BLK1)</b>										Prepared & Analyzed: 02/07/2017	
Mercury	ND	0.0300	mg/kg wet								
<b>Reference (BB70284-SRM1)</b>										Prepared & Analyzed: 02/07/2017	
Mercury	16.985		mg/kg	13.8		123		51.4-168.8			
<b>Batch BB70352 - EPA 7473 soil</b>											
<b>Blank (BB70352-BLK1)</b>										Prepared & Analyzed: 02/08/2017	
Mercury	ND	0.0300	mg/kg wet								
<b>Reference (BB70352-SRM1)</b>										Prepared & Analyzed: 02/08/2017	
Mercury	15.993		mg/kg	13.8		116		51.4-168.8			



**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB70567 - Analysis Preparation Soil</b>											
<b>Blank (BB70567-BLK1)</b>										Prepared & Analyzed: 02/12/2017	
Cyanide, total	ND	0.500	mg/kg wet								
<b>Reference (BB70567-SRM1)</b>										Prepared & Analyzed: 02/12/2017	
Cyanide, total	31.0		ug/mL	53.9		57.5	37.5-163.7				



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0203-01	SP-10 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17B0203-02	SP-10 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0203-03	SP-10 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
17B0203-04	SP-10 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0203-05	SP-10 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
17B0203-06	SP-10 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
17B0203-07	SP-10 (12'-14')	40mL Vial with Stir Bar-Cool 4° C
17B0203-08	SP-10 (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%).
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.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
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).
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.





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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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  
120 RESEARCH DR.  
STRATFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

Page 1 of 1  
York Project No. 1730203

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.

<b>YOUR Information</b> Company: <u>Hydro Tech Env.</u> Address: <u>150 Ocean Avenue</u> <u>Brooklyn, NY</u> Phone No. <u>718-636-0800</u> Contact Person: <u>Andrew Infante</u> Attention: <u>Andrew Infante</u> E-Mail Address: <u>andinfante@hydrotechenv.com</u>		<b>Report To:</b> Company: <u>GAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>GAME</u> Address: _____ Phone No. _____ Attention: <u>Muskan Baid</u> <u>mworld@hydrotechenv.com</u> <u>hydrotechenv.com</u>		<b>YOUR Project ID</b> <u>150213: 198E135th</u> <u>Street Bronx</u> <b>Purchase Order No.</b> <u>1067</u> Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard (5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> <i>Electronic Data Deliverables (EDD)</i> Simple Excel <input checked="" type="checkbox"/> NYSDEC EQUIS <input type="checkbox"/> EQUIS (std) <input type="checkbox"/> EZ-EDD (EQUIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ <b>York Regulatory Comparison</b> Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in): _____	
---	--	---	--	---	--	---	--	---	--	---	--

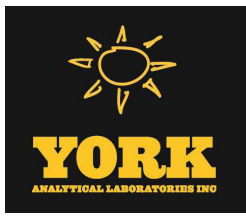
**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

Matrix Codes  
 S - soil  
 Other - specify (oil, etc.)  
 WW - wastewater  
 GW - groundwater  
 DW - drinking water  
 Air-A - ambient air  
 Air-SV - soil vapor

Samples Collected/Authorized By (Signature)  
Komal Dixit  
 Name (printed)  
Komal Dixit

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-10 (0'-2')	02/01 10:50am	S	TCL VOCs via 8260; TCL SVOCs 8270;	1 Bag jar + tetroon
SP-10 (2'-4')	10:58am		Pesticides via 8081; PCBs via 8082;	
SP-10 (4'-6')	11:10am		TAL Metals via 6010	
SP-10 (6'-8')	11:20am			
SP-10 (8'-10')	11:25am			
SP-10 (10'-12')	11:30am			
SP-10 (12'-14')	11:38am			
SP-10 (14'-16')	11:45am			

Comments 4°C _____ Frozen _____ HCl _____ HNO <sub>3</sub> _____ H <sub>2</sub> O <sub>2</sub> _____ NaOH _____ MeOH _____ Ascorbic Acid _____ Other _____ Samples Relinquished By <u>A.P. N</u> Date/Time <u>1/6/17 14pm</u> Samples Relinquished By _____ Date/Time _____ Samples Received By <u>K. Baker</u> Date/Time <u>1/8/17 14pm</u> Samples Received By <u>J. Alf</u> Date/Time <u>2/6/17 1840</u>	Temperature on Receipt <u>5.3</u> °C
	Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>



# Technical Report

prepared for:

## **Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue

Brooklyn NY, 11225

**Attention: AJ Infante**

Report Date: 02/16/2017

**Client Project ID: 150213 198 E 135th Street, Bronx, NY**

York Project (SDG) No.: 17B0224

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](http://www.YORKLAB.com)

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(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: AJ Infante

---

**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 06, 2017 and listed below. The project was identified as your project: **150213 198 E 135th Street, Bronx, NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17B0224-01	SP-8 (14'-16')	Soil	02/02/2017	02/06/2017
17B0224-02	SP-7 (2'-4')	Soil	02/02/2017	02/06/2017
17B0224-03	SP-7 (6'-8')	Soil	02/02/2017	02/06/2017
17B0224-04	SP-7 (10'-12')	Soil	02/02/2017	02/06/2017
17B0224-05	SP-7 (12'-14')	Soil	02/02/2017	02/06/2017
17B0224-06	SP-7 (14'-16')	Soil	02/02/2017	02/06/2017
17B0224-07	SP-11 (2'-4')	Soil	02/02/2017	02/06/2017
17B0224-08	SP-11 (4'-6')	Soil	02/02/2017	02/06/2017
17B0224-09	SP-11 (6'-8')	Soil	02/02/2017	02/06/2017
17B0224-10	SP-11 (8'-10')	Soil	02/02/2017	02/06/2017

## **General Notes for York Project (SDG) No.: 17B0224**

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:** 02/16/2017





### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

**York Project (SDG) No.**  
17B0224

**Client Project ID**  
150213 198 E 135th Street, Bronx, NY

**Matrix**  
Soil

**Collection Date/Time**  
February 2, 2017 10:55 am

**Date Received**  
02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
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	02/08/2017 15:54	02/09/2017 03:07	BK
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	02/08/2017 15:54	02/09/2017 03:07	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	89	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:55 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	14		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
67-64-1	Acetone	140	CCV-E	ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:55 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 03:07	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 03:07	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:07	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:07	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	80.7 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 10:55 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	trimethyl silanol isomer	9.1	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 03:07	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

York Project (SDG) No.

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17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:55 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
83-32-9	Acenaphthene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
62-53-3	Aniline	ND		ug/kg dry	204	408	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
120-12-7	<b>Anthracene</b>	<b>86.4</b>	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>196</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>179</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>164</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>152</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>179</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>57.9</b>	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
218-01-9	<b>Chrysene</b>	<b>217</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

York Project (SDG) No.

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17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:55 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>51.4</b>	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
206-44-0	<b>Fluoranthene</b>	<b>457</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
86-73-7	Fluorene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>97.8</b>	J	ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
78-59-1	Isophorone	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
91-20-3	Naphthalene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
85-01-8	<b>Phenanthrene</b>	<b>243</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
108-95-2	Phenol	ND		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
129-00-0	<b>Pyrene</b>	<b>382</b>		ug/kg dry	51.1	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

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150213 198 E 135th Street, Bronx, NY

Soil

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	204	408	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 10:49	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	51.8 %			20-108						
4165-62-2	Surrogate: Phenol-d5	42.9 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	66.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.0 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.3 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	59.0 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 10:49	SR

**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	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
309-00-2	Aldrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 19:58	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.4	40.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:55 am

02/06/2017

**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	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
72-20-8	Endrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 19:58	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	2.02	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 19:58	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	36.5 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	38.9 %	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	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:23	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 22:23	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



### Sample Information

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:55 am

02/06/2017

**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	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	8320		mg/kg dry	6.11	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-36-0	Antimony	ND		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-38-2	Arsenic	3.75		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-39-3	Barium	148		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-43-9	Cadmium	0.672		mg/kg dry	0.367	0.367	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-70-2	Calcium	18600		mg/kg dry	0.611	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-47-3	Chromium	22.6		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-48-4	Cobalt	6.89		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-50-8	Copper	47.9		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7439-89-6	Iron	14700		mg/kg dry	2.45	2.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7439-92-1	Lead	225		mg/kg dry	0.367	0.367	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7439-95-4	Magnesium	8410		mg/kg dry	6.11	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7439-96-5	Manganese	194		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-02-0	Nickel	19.2		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-09-7	Potassium	2860		mg/kg dry	6.11	6.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7782-49-2	Selenium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-22-4	Silver	ND		mg/kg dry	0.611	0.611	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV



**Sample Information**

**Client Sample ID:** SP-8 (14'-16')

**York Sample ID:** 17B0224-01

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 10:55 am	<u>Date Received</u> 02/06/2017
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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
7440-23-5	Sodium	440		mg/kg dry	12.2	12.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-62-2	Vanadium	39.2		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:41	KV
7440-66-6	Zinc	132		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 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	0.302		mg/kg dry	0.0367	0.0367	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 19:15	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	81.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.611	0.611	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1

**Sample Information**

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 11:05 am	<u>Date Received</u> 02/06/2017
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 11:05 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by 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	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	38	76	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK





### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 11:05 am	<u>Date Received</u> 02/06/2017
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
67-64-1	<b>Acetone</b>	<b>23</b>	CCV-E	ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
71-43-2	Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
108-86-1	Bromobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK



## Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

**York Project (SDG) No.**  
17B0224

**Client Project ID**  
150213 198 E 135th Street, Bronx, NY

**Matrix**  
Soil

**Collection Date/Time**  
February 2, 2017 11:05 am

**Date Received**  
02/06/2017

**Volatiles Organics, 8260 List**
**Log-in Notes:**
**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
91-20-3	Naphthalene	ND		ug/kg dry	1.9	7.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 03:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 03:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
100-42-5	Styrene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
108-88-3	Toluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 03:37	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 03:37	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: Toluene-d8	98.6 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	82.3 %			76-130						

**Volatiles Organics, Tentatively Identified Cmpds.**
**Log-in Notes:**
**Sample Notes:**

Sample Prepared by Method: EPA 5035A

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



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 11:05 am	<u>Date Received</u> 02/06/2017
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Tentatively Identified Compounds	0.0	ug/kg dry	1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 03:37	BK
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:05 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
62-53-3	Aniline	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
218-01-9	Chrysene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:05 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
108-95-2	Phenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
129-00-0	Pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
110-86-1	Pyridine	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:03	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: 2-Fluorophenol	60.8 %	20-108								
4165-62-2	Surrogate: Phenol-d5	72.6 %	23-114								



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

York Project (SDG) No.

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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	59.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	65.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	66.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	48.6 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	hexacosane isomer	849		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:03	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:03	KH

**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	02/07/2017 07:15	02/08/2017 20:43	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
309-00-2	Aldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 20:43	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.0	35.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

**York Project (SDG) No.**

**Client Project ID**

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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
72-20-8	Endrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 20:43	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.76	8.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
8001-35-2	Toxaphene	ND		ug/kg dry	88.6	88.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:43	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	44.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.8 %	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	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:47	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 22:47	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %	30-140								



### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

York Project (SDG) No.

Client Project ID

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17B0224

150213 198 E 135th Street, Bronx, NY

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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
7429-90-5	<b>Aluminum</b>	<b>20200</b>		mg/kg dry	5.31	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-36-0	Antimony	ND		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-39-3	<b>Barium</b>	<b>255</b>		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.106	0.106	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.318	0.318	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-70-2	<b>Calcium</b>	<b>2270</b>		mg/kg dry	0.531	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-47-3	<b>Chromium</b>	<b>48.4</b>		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-48-4	<b>Cobalt</b>	<b>7.82</b>		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-50-8	<b>Copper</b>	<b>33.3</b>		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7439-89-6	<b>Iron</b>	<b>38700</b>		mg/kg dry	212	212	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/09/2017 00:51	KV
7439-92-1	<b>Lead</b>	<b>10.2</b>		mg/kg dry	0.318	0.318	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7439-95-4	<b>Magnesium</b>	<b>10500</b>		mg/kg dry	5.31	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7439-96-5	<b>Manganese</b>	<b>196</b>		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-02-0	<b>Nickel</b>	<b>12.2</b>		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-09-7	<b>Potassium</b>	<b>9910</b>		mg/kg dry	531	531	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/09/2017 00:51	KV
7782-49-2	<b>Selenium</b>	<b>2.39</b>		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-22-4	Silver	ND		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-23-5	<b>Sodium</b>	<b>350</b>		mg/kg dry	10.6	10.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-62-2	<b>Vanadium</b>	<b>63.1</b>		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV
7440-66-6	<b>Zinc</b>	<b>56.5</b>		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 00:55	KV





### Sample Information

**Client Sample ID:** SP-7 (2'-4')

**York Sample ID:** 17B0224-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

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**Date Received**

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02/06/2017

**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	0.0318	0.0318	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 19:24	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	94.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.531	0.531	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1

### Sample Information

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 17B0224-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0224

150213 198 E 135th Street, Bronx, NY

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February 2, 2017 11:10 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	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	02/08/2017 15:54	02/09/2017 04:07	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	02/08/2017 15:54	02/09/2017 04:07	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	02/08/2017 15:54	02/09/2017 04:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK



### Sample Information

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 17B0224-03

York Project (SDG) No.

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150213 198 E 135th Street, Bronx, NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	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	02/08/2017 15:54	02/09/2017 04:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	81	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
67-64-1	<b>Acetone</b>	<b>140</b>	CCV-E	ug/kg dry	4.0	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK



### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	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	02/08/2017 15:54	02/09/2017 04:07	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 04:07	BK



### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 04:07	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	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	02/08/2017 15:54	02/09/2017 04:07	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:07	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:07	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %
2037-26-5	Surrogate: Toluene-d8	99.4 %
460-00-4	Surrogate: p-Bromofluorobenzene	79.7 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	trimethyl silanol isomer	15	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 04:07	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

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

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
83-32-9	<b>Acenaphthene</b>	<b>86.4</b>	J	ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
62-53-3	Aniline	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
120-12-7	<b>Anthracene</b>	<b>199</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>308</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>197</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>187</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>94.3</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>203</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
218-01-9	<b>Chrysene</b>	<b>277</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>55.0</b>	J	ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
206-44-0	<b>Fluoranthene</b>	<b>664</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
86-73-7	<b>Fluorene</b>	<b>79.3</b>	J	ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>97.2</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
78-59-1	Isophorone	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
85-01-8	<b>Phenanthrene</b>	<b>577</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
108-95-2	Phenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
129-00-0	<b>Pyrene</b>	<b>502</b>		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH
110-86-1	Pyridine	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:35	KH

Surrogate Recoveries	Result	Acceptance Range
367-12-4 Surrogate: 2-Fluorophenol	61.2 %	20-108
4165-62-2 Surrogate: Phenol-d5	64.4 %	23-114
4165-60-0 Surrogate: Nitrobenzene-d5	58.7 %	22-108



### Sample Information

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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	66.5 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.9 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	51.9 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000207-08-9	benzo[k]fluoranthene isomer	714		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:35	KH
NA	hexacosane isomer	714		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:35	KH
NA	octacosane isomer	1070		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:35	KH
NA	Octadecane isomer	929		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:35	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:35	KH

**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	02/07/2017 07:15	02/08/2017 20:28	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 20:28	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.4	35.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 20:28	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.84	8.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.5	89.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:28	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	45.4 %			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	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:11	SA



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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	0.0179	0.0179	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 23:11	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	56.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %	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	6970		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-36-0	Antimony	ND		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-38-2	Arsenic	1.55		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-39-3	Barium	87.5		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-70-2	Calcium	33700		mg/kg dry	0.536	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-47-3	Chromium	12.4		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-48-4	Cobalt	6.44		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-50-8	Copper	21.8		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7439-89-6	Iron	11000		mg/kg dry	2.14	2.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7439-92-1	Lead	59.8		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7439-95-4	Magnesium	17500		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7439-96-5	Manganese	199		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-02-0	Nickel	28.1		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-09-7	Potassium	2260		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV



### Sample Information

**Client Sample ID:** SP-7 (6'-8')

**York Sample ID:** 17B0224-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:10 am

02/06/2017

**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	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-22-4	Silver	ND		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-23-5	<b>Sodium</b>	<b>341</b>		mg/kg dry	10.7	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-62-2	<b>Vanadium</b>	<b>26.3</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	KV
7440-66-6	<b>Zinc</b>	<b>85.6</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:13	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	<b>Mercury</b>	<b>0.109</b>		mg/kg dry	0.0322	0.0322	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 19:33	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	<b>* % Solids</b>	<b>93.3</b>		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	0.536	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1

### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:20 am

02/06/2017



### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK



### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:20 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
67-64-1	Acetone	26	CCV-E	ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK



### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

York Project (SDG) No.

Client Project ID

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Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 04:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 04:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 04:36	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 04:36	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.5 %			77-125						
2037-26-5	Surrogate: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	83.6 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

York Project (SDG) No.

Client Project ID

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02/06/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 04:36	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
62-53-3	Aniline	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
120-12-7	<b>Anthracene</b>	<b>77.9</b>	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>360</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>189</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>190</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>93.7</b>	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>243</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
85-68-7	<b>Benzyl butyl phthalate</b>	<b>80.9</b>	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>62.2</b>	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
218-01-9	<b>Chrysene</b>	<b>352</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
206-44-0	<b>Fluoranthene</b>	<b>592</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
86-73-7	Fluorene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>91.4</b>	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
85-01-8	<b>Phenanthrene</b>	<b>268</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
108-95-2	Phenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
129-00-0	<b>Pyrene</b>	<b>563</b>		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:07	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	58.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	69.8 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	55.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	64.0 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	50.5 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	hydroxy ethyl hexadecanoic acid isomer	1570		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:07	KH
NA	octacosane isomer	1200		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:07	KH
NA	Octadecane isomer	1270		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:07	KH
NA	perylene isomer	1570		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:07	KH
NA	phenyl Naphthalene isomer	1050		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:07	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:07	KH

**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	02/07/2017 07:15	02/10/2017 14:10	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 14:10	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
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 14:10	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.27	9.27	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.8	93.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 14:10	SA
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	30.3 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	5.42 %	GC-SC	30-150							
u											

**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	02/07/2017 07:15	02/08/2017 23:35	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:35	SA



### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:20 am

02/06/2017

**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
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:35	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:35	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:35	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:35	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 23:35	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 23:35	SA

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8 Surrogate: Tetrachloro-m-xylene 50.5 % 30-140

2051-24-3 Surrogate: Decachlorobiphenyl 50.0 % 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	<b>Aluminum</b>	<b>13800</b>		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-36-0	Antimony	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-39-3	<b>Barium</b>	<b>218</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-43-9	<b>Cadmium</b>	<b>0.394</b>		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-70-2	<b>Calcium</b>	<b>19700</b>		mg/kg dry	0.562	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-47-3	<b>Chromium</b>	<b>46.7</b>		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-48-4	<b>Cobalt</b>	<b>12.3</b>		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-50-8	<b>Copper</b>	<b>54.2</b>		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7439-89-6	<b>Iron</b>	<b>26500</b>		mg/kg dry	2.25	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7439-92-1	<b>Lead</b>	<b>38.5</b>		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV



### Sample Information

**Client Sample ID:** SP-7 (10'-12')

**York Sample ID:** 17B0224-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:20 am

02/06/2017

**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
7439-95-4	Magnesium	14000		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7439-96-5	Manganese	229		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-02-0	Nickel	31.9		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-09-7	Potassium	8160		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-22-4	Silver	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-23-5	Sodium	386		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-62-2	Vanadium	61.4		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	KV
7440-66-6	Zinc	84.4		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:17	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	0.0777		mg/kg dry	0.0337	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 19:42	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	89.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.562	0.562	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1



### Sample Information

**Client Sample ID:** SP-7 (12'-14')

**York Sample ID:** 17B0224-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:25 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	28	55	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK



### Sample Information

**Client Sample ID:** SP-7 (12'-14')

**York Sample ID:** 17B0224-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:25 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	2.8		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
67-64-1	Acetone	14	CCV-E	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
71-43-2	Benzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-25-2	Bromoform	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
67-66-3	Chloroform	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK



### Sample Information

**Client Sample ID:** SP-7 (12'-14')

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
91-20-3	Naphthalene	ND		ug/kg dry	1.4	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 05:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 05:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
100-42-5	Styrene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
108-88-3	Toluene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:06	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.4	2.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:06	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	87.3 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**





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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:06	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
62-53-3	Aniline	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
120-12-7	Anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>85.6</b>	J	ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>61.8</b>	J	ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>55.1</b>	J	ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
218-01-9	<b>Chrysene</b>	<b>87.9</b>	J	ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
206-44-0	<b>Fluoranthene</b>	<b>161</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
86-73-7	Fluorene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
78-59-1	Isophorone	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
85-01-8	<b>Phenanthrene</b>	<b>96.1</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
108-95-2	Phenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
129-00-0	<b>Pyrene</b>	<b>152</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH



### Sample Information

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150213 198 E 135th Street, Bronx, NY

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 12:39	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	60.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	72.3 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	55.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	66.8 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	69.9 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	55.1 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
629-94-7	hentriacontane isomer	1190		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:39	KH
NA	hydroxy ethyl hexadecanoic acid isomer	1490		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:39	KH
NA	hydroxy ethyl octadecanoic acid isomer	894		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:39	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 12:39	KH

**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	02/07/2017 07:15	02/08/2017 20:58	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 20:58	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	36.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	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
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/08/2017 20:58	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.22	9.22	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.3	93.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 20:58	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	42.9 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.5 %	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	02/07/2017 07:15	02/09/2017 00:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/09/2017 00:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/09/2017 00:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/09/2017 00:00	SA



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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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/09/2017 00:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/09/2017 00:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/09/2017 00:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/07/2017 07:15	02/09/2017 00:00	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
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	<b>Aluminum</b>	<b>8530</b>		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-36-0	Antimony	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-39-3	<b>Barium</b>	<b>128</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-70-2	<b>Calcium</b>	<b>30300</b>		mg/kg dry	0.559	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-47-3	<b>Chromium</b>	<b>24.1</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-48-4	<b>Cobalt</b>	<b>8.87</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-50-8	<b>Copper</b>	<b>45.6</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7439-89-6	<b>Iron</b>	<b>14600</b>		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7439-92-1	<b>Lead</b>	<b>48.4</b>		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7439-95-4	<b>Magnesium</b>	<b>17500</b>		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7439-96-5	<b>Manganese</b>	<b>230</b>		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	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
7440-02-0	Nickel	21.3		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-09-7	Potassium	3610		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-23-5	Sodium	272		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-62-2	Vanadium	36.0		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	KV
7440-66-6	Zinc	78.4		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:22	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	0.0871		mg/kg dry	0.0335	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 19:51	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	89.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	0.559	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1



### Sample Information

**Client Sample ID:** SP-7 (14'-16')

**York Sample ID:** 17B0224-06

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17B0224

150213 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	81	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK





### Sample Information

**Client Sample ID:** SP-7 (14'-16')

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150213 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	11		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
67-64-1	Acetone	66	CCV-E	ug/kg dry	4.1	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK



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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
91-20-3	<b>Naphthalene</b>	<b>15</b>	B	ug/kg dry	2.0	8.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 05:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 05:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 05:36	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 05:36	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %
2037-26-5	Surrogate: Toluene-d8	101 %
460-00-4	Surrogate: p-Bromofluorobenzene	97.4 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	alkyl benzene isomers	5.2	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	alkyl cyclohexane isomers	15	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	alkyl naphthalene isomers	4.6	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	bicycloheptanon isomer	5.5	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	dimethyl octane isomer	4.6	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	diphosphoric acid isomer	5.1	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	D-Limonene isomer	20	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	methyl decane isomers	9.5	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	Methyl undecane isomer	4.3	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK
NA	undecane isomer	4.6	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 05:36	BK

### Semi-Volatiles, 8270 Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	130	259	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>2680</b>		ug/kg dry	325	649	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	130	259	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	130	259	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	130	259	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	130	259	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	130	259	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
83-32-9	Acenaphthene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
62-53-3	Aniline	ND		ug/kg dry	260	520	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
120-12-7	<b>Anthracene</b>	<b>12900</b>		ug/kg dry	325	649	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>1930</b>		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	325	649	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	325	649	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR



### Sample Information

**Client Sample ID:** SP-7 (14'-16')

**York Sample ID:** 17B0224-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>4090</b>		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	325	649	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>854</b>		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
218-01-9	<b>Chrysene</b>	<b>12400</b>		ug/kg dry	325	649	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>2200</b>		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
206-44-0	<b>Fluoranthene</b>	<b>52100</b>		ug/kg dry	3250	6490	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 15:40	SR
86-73-7	<b>Fluorene</b>	<b>6920</b>		ug/kg dry	325	649	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:30	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>3820</b>		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
78-59-1	Isophorone	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR



### Sample Information

**Client Sample ID:** SP-7 (14'-16')

**York Sample ID:** 17B0224-06

York Project (SDG) No.

Client Project ID

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17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
85-01-8	<b>Phenanthrene</b>	<b>61500</b>		ug/kg dry	3250	6490	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 15:40	SR
108-95-2	Phenol	ND		ug/kg dry	65.0	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
129-00-0	<b>Pyrene</b>	<b>47100</b>		ug/kg dry	3250	6490	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 15:40	SR
110-86-1	Pyridine	ND		ug/kg dry	260	520	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:20	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	38.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	14.6 %	S-08		23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	51.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	50.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	26.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	28.4 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:20	SR

**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	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA



### Sample Information

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150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 11:30 am

02/06/2017

**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
50-29-3	4,4'-DDT	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
309-00-2	Aldrin	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:03	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
57-74-9	Chlordane, total	ND		ug/kg dry	51.4	51.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
72-20-8	Endrin	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:03	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.57	2.57	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
72-43-5	Methoxychlor	ND		ug/kg dry	12.8	12.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
8001-35-2	Toxaphene	ND		ug/kg dry	130	130	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:03	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	33.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	34.8 %	30-150								

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-7 (14'-16')

**York Sample ID:** 17B0224-06

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 11:30 am	<u>Date Received</u> 02/06/2017
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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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:11	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0259	0.0259	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 22:11	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	58.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	70.5 %	30-140								

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>9560</b>		mg/kg dry	7.78	7.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-36-0	Antimony	ND		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-38-2	<b>Arsenic</b>	<b>18.8</b>		mg/kg dry	1.56	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-39-3	<b>Barium</b>	<b>264</b>		mg/kg dry	1.56	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-41-7	<b>Beryllium</b>	<b>0.414</b>		mg/kg dry	0.156	0.156	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-43-9	<b>Cadmium</b>	<b>1.50</b>		mg/kg dry	0.467	0.467	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-70-2	<b>Calcium</b>	<b>6840</b>		mg/kg dry	0.778	7.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-47-3	<b>Chromium</b>	<b>56.8</b>		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-48-4	<b>Cobalt</b>	<b>8.65</b>		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-50-8	<b>Copper</b>	<b>256</b>		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV





### Sample Information

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17B0224

150213 198 E 135th Street, Bronx, NY

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February 2, 2017 11:30 am

02/06/2017

**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	24100		mg/kg dry	3.11	3.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7439-92-1	Lead	387		mg/kg dry	0.467	0.467	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7439-95-4	Magnesium	5390		mg/kg dry	7.78	7.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7439-96-5	Manganese	264		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-02-0	Nickel	31.6		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-09-7	Potassium	2120		mg/kg dry	7.78	7.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7782-49-2	Selenium	2.89		mg/kg dry	1.56	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-22-4	Silver	4.59		mg/kg dry	0.778	0.778	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-23-5	Sodium	720		mg/kg dry	15.6	15.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-28-0	Thallium	ND		mg/kg dry	1.56	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-62-2	Vanadium	28.0		mg/kg dry	1.56	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	KV
7440-66-6	Zinc	526		mg/kg dry	1.56	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:27	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	5.05		mg/kg dry	0.0467	0.0467	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/09/2017 06:37	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	64.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**



**Sample Information**

**Client Sample ID:** SP-7 (14'-16')

**York Sample ID:** 17B0224-06

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 11:30 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.778	0.778	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1

**Sample Information**

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 12:00 pm	<u>Date Received</u> 02/06/2017
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK



### Sample Information

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:00 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
78-93-3	<b>2-Butanone</b>	<b>6.4</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
67-64-1	<b>Acetone</b>	<b>43</b>		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK



### Sample Information

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:00 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 03:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 03:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK



### Sample Information

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:00 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 03:44	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 03:44	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	108 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:17	02/09/2017 03:44	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH



### Sample Information

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

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150213 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>168</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
83-32-9	<b>Acenaphthene</b>	<b>1740</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
208-96-8	<b>Acenaphthylene</b>	<b>676</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
62-53-3	Aniline	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
120-12-7	<b>Anthracene</b>	<b>2550</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>9340</b>		ug/kg dry	233	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:14	KH



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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	<b>Benzo(a)pyrene</b>	<b>2700</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>2500</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>728</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2620</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>282</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
218-01-9	<b>Chrysene</b>	<b>8330</b>		ug/kg dry	233	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:14	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>476</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
132-64-9	<b>Dibenzofuran</b>	<b>710</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
206-44-0	<b>Fluoranthene</b>	<b>21000</b>		ug/kg dry	46.7	93.2	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 11:33	SR
86-73-7	<b>Fluorene</b>	<b>1350</b>		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	839		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
78-59-1	Isophorone	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
91-20-3	Naphthalene	315		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
85-01-8	Phenanthrene	12600		ug/kg dry	233	466	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:14	KH
108-95-2	Phenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH
129-00-0	Pyrene	15000		ug/kg dry	467	932	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 11:33	SR
110-86-1	Pyridine	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:11	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	57.5 %			20-108
4165-62-2	Surrogate: Phenol-d5	68.2 %			23-114
4165-60-0	Surrogate: Nitrobenzene-d5	55.7 %			22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	63.7 %			21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.7 %			19-110
1718-51-0	Surrogate: Terphenyl-d14	55.5 %			24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000207-08-9	benzo[k]fluoranthene isomer	3800		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:11	KH
NA	Dinaphtho furan isomer	2230		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:11	KH
NA	Eicosane isomer	3200		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:11	KH
NA	perylene isomer	5880		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:11	KH





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**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:11	KH

**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	2.75		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
50-29-3	4,4'-DDT	2.51		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:18	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	36.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:18	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA



### Sample Information

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:00 pm

02/06/2017

**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
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.22	9.22	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.3	93.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:18	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	43.6 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	28.6 %	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	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:28	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 22:28	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	68.5 %			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	6150		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-36-0	Antimony	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV



### Sample Information

**Client Sample ID:** SP-11 (2'-4')

**York Sample ID:** 17B0224-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:00 pm

02/06/2017

**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
7440-38-2	Arsenic	1.55		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-39-3	Barium	73.9		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-41-7	Beryllium	0.156		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-70-2	Calcium	21300		mg/kg dry	0.559	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-47-3	Chromium	11.7		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-48-4	Cobalt	6.11		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-50-8	Copper	31.7		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7439-89-6	Iron	12700		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7439-92-1	Lead	44.6		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7439-95-4	Magnesium	6270		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7439-96-5	Manganese	227		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-02-0	Nickel	17.6		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-09-7	Potassium	2180		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-23-5	Sodium	267		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-62-2	Vanadium	17.6		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV
7440-66-6	Zinc	69.6		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:32	KV

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**



Sample Information

Client Sample ID: SP-11 (2'-4')

York Sample ID: 17B0224-07

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 17B0224, 150213 198 E 135th Street, Bronx, NY, Soil, February 2, 2017 12:00 pm, 02/06/2017

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury, 0.251, mg/kg dry, 0.0335, 0.0335, 1, EPA 7473, 02/08/2017 06:17, 02/08/2017 20:12, KV. Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids \* % Solids, 89.5, %, 0.100, 0.100, 1, SM 2540G, 02/10/2017 10:04, 02/10/2017 13:45, TAJ. Certifications: CTDOH

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 57-12-5 Cyanide, total, ND, mg/kg dry, 0.559, 0.559, 1, EPA 9014/9010C, 02/15/2017 14:18, 02/16/2017 14:57, DM1. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SP-11 (4'-6')

York Sample ID: 17B0224-08

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 17B0224, 150213 198 E 135th Street, Bronx, NY, Soil, February 2, 2017 12:10 pm, 02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



### Sample Information

**Client Sample ID:** SP-11 (4'-6')

**York Sample ID:** 17B0224-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:10 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
67-64-1	<b>Acetone</b>	<b>26</b>		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK



### Sample Information

**Client Sample ID:** SP-11 (4'-6')

**York Sample ID:** 17B0224-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:10 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 04:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 04:16	BK



### Sample Information

**Client Sample ID:** SP-11 (4'-6')

**York Sample ID:** 17B0224-08

York Project (SDG) No.

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150213 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
100-42-5	Styrene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:16	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125
2037-26-5	Surrogate: Toluene-d8	98.2 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	76-130

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:17	02/09/2017 04:16	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>71.4</b>	<b>J</b>	ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.0	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
83-32-9	<b>Acenaphthene</b>	<b>520</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
62-53-3	Aniline	ND		ug/kg dry	190	380	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
120-12-7	<b>Anthracene</b>	<b>1310</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>2920</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>2700</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>2180</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1270</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2480</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>1490</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
218-01-9	<b>Chrysene</b>	<b>2980</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>508</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
132-64-9	<b>Dibenzofuran</b>	<b>265</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
206-44-0	<b>Fluoranthene</b>	<b>5870</b>		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 16:50	KH
86-73-7	<b>Fluorene</b>	<b>404</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>1160</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
78-59-1	Isophorone	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
91-20-3	<b>Naphthalene</b>	<b>183</b>		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
85-01-8	<b>Phenanthrene</b>	<b>4880</b>		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 16:50	KH
108-95-2	Phenol	ND		ug/kg dry	47.6	95.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
129-00-0	<b>Pyrene</b>	<b>6360</b>		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 16:50	KH
110-86-1	Pyridine	ND		ug/kg dry	190	380	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 11:52	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: 2-Fluorophenol	48.9 %		20-108							
4165-62-2	Surrogate: Phenol-d5	21.3 %	S-08	23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	56.2 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	54.2 %		21-113							



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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	41.3 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 11:52	SR

**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	8.12		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
72-55-9	4,4'-DDE	35.1		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
50-29-3	4,4'-DDT	6.39		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:31	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA



### Sample Information

**Client Sample ID:** SP-11 (4'-6')

**York Sample ID:** 17B0224-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:10 pm

02/06/2017

**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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:31	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.40	9.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.1	95.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:31	SA
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	33.3 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	12.2 %	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	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/08/2017 22:44	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	02/07/2017 07:15	02/08/2017 22:44	SA
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %		30-140							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

120 RESEARCH DRIVE  
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(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
ClientServices@



### Sample Information

**Client Sample ID:** SP-11 (4'-6')

**York Sample ID:** 17B0224-08

<u>York Project (SDG) No.</u> 17B0224	<u>Client Project ID</u> 150213 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 12:10 pm	<u>Date Received</u> 02/06/2017
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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
7429-90-5	<b>Aluminum</b>	<b>5690</b>		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-36-0	Antimony	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-38-2	<b>Arsenic</b>	<b>2.30</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-39-3	<b>Barium</b>	<b>761</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-43-9	<b>Cadmium</b>	<b>0.445</b>		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-70-2	<b>Calcium</b>	<b>27000</b>		mg/kg dry	0.570	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-47-3	<b>Chromium</b>	<b>33.5</b>		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-48-4	<b>Cobalt</b>	<b>5.22</b>		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-50-8	<b>Copper</b>	<b>57.2</b>		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7439-89-6	<b>Iron</b>	<b>12600</b>		mg/kg dry	2.28	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7439-92-1	<b>Lead</b>	<b>913</b>		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7439-95-4	<b>Magnesium</b>	<b>5040</b>		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7439-96-5	<b>Manganese</b>	<b>202</b>		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-02-0	<b>Nickel</b>	<b>17.2</b>		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-09-7	<b>Potassium</b>	<b>1440</b>		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-22-4	Silver	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-23-5	<b>Sodium</b>	<b>384</b>		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-62-2	<b>Vanadium</b>	<b>32.3</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV
7440-66-6	<b>Zinc</b>	<b>391</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:37	KV



Sample Information

Client Sample ID: SP-11 (4'-6')

York Sample ID: 17B0224-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:10 pm

02/06/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, 0.515, mg/kg dry, 0.0342, 0.0342, 1, EPA 7473, 02/08/2017 06:17, 02/08/2017 20:21, KV. Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids \* % Solids, 87.8, %, 0.100, 0.100, 1, SM 2540G, 02/10/2017 10:04, 02/10/2017 13:45, TAJ. Certifications: CTDOH

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5 Cyanide, total, ND, mg/kg dry, 0.570, 0.570, 1, EPA 9014/9010C, 02/15/2017 14:18, 02/16/2017 14:57, DM1. Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP

Sample Information

Client Sample ID: SP-11 (6'-8')

York Sample ID: 17B0224-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:15 pm

02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include: 630-20-6 1,1,1,2-Tetrachloroethane, 71-55-6 1,1,1-Trichloroethane, 79-34-5 1,1,2,2-Tetrachloroethane, 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 79-00-5 1,1,2-Trichloroethane, 75-34-3 1,1-Dichloroethane.



### Sample Information

**Client Sample ID:** SP-11 (6'-8')

**York Sample ID:** 17B0224-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:15 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	70	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
67-64-1	<b>Acetone</b>	<b>29</b>		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
71-43-2	Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
108-86-1	Bromobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK



### Sample Information

**Client Sample ID:** SP-11 (6'-8')

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150213 198 E 135th Street, Bronx, NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
91-20-3	Naphthalene	ND		ug/kg dry	1.7	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 04:48	BK





### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 04:48	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
100-42-5	Styrene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
108-88-3	Toluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 04:48	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 04:48	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.8 %
2037-26-5	Surrogate: Toluene-d8	100 %
460-00-4	Surrogate: p-Bromofluorobenzene	116 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	oxetanone isomer	4.3	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:17	02/09/2017 04:48	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>89.5</b>	J	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
83-32-9	<b>Acenaphthene</b>	<b>353</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
208-96-8	<b>Acenaphthylene</b>	<b>329</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
62-53-3	Aniline	ND		ug/kg dry	185	371	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
120-12-7	<b>Anthracene</b>	<b>757</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>1300</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>427</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>424</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>368</b>	IS-06	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>498</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>68.8</b>	J	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
218-01-9	<b>Chrysene</b>	<b>1350</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>214</b>	IS-06	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
132-64-9	<b>Dibenzofuran</b>	<b>168</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
206-44-0	<b>Fluoranthene</b>	<b>4260</b>		ug/kg dry	116	231	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:46	KH
86-73-7	<b>Fluorene</b>	<b>376</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>365</b>	IS-06	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
78-59-1	Isophorone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
91-20-3	<b>Naphthalene</b>	<b>144</b>		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
85-01-8	<b>Phenanthrene</b>	<b>3870</b>		ug/kg dry	116	231	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:46	KH
108-95-2	Phenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
129-00-0	<b>Pyrene</b>	<b>6080</b>		ug/kg dry	116	231	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 15:46	KH
110-86-1	Pyridine	ND		ug/kg dry	185	371	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 14:15	KH
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: 2-Fluorophenol	55.5 %		20-108							



### Sample Information

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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	Surrogate: Phenol-d5	68.0 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	55.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	62.5 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.5 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	51.0 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Docosane isomer	2140		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	Heneicosane isomer	2140		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	hydroxy ethyl hexadecanoic acid isomer	1780		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	methyl Pyrene isomer	1700		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	nonadecane isomer	2960		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	octacosane isomer	1850		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	perylene isomer	1780		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH
NA	Tetracosane isomer	1700		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 14:15	KH

**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	7.61		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
72-55-9	4,4'-DDE	21.4		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
50-29-3	4,4'-DDT	159		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	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
5103-71-9	alpha-Chlordane	12.0		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:46	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
57-74-9	Chlordane, total	62.3		ug/kg dry	36.6	36.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
60-57-1	Dieldrin	5.43		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
5566-34-7	gamma-Chlordane	10.1		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 12:46	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.15	9.15	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.6	92.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 12:46	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	25.5 %	GC-SC		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	02/07/2017 07:15	02/10/2017 13:09	SA



### 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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:09	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:09	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:09	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:09	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:09	SA
11096-82-5	<b>Aroclor 1260</b>	<b>0.0254</b>		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:09	SA
1336-36-3	<b>* Total PCBs</b>	<b>0.0254</b>		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	02/07/2017 07:15	02/10/2017 13:09	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %	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	<b>Aluminum</b>	<b>4160</b>		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-36-0	Antimony	ND		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-38-2	<b>Arsenic</b>	<b>3.80</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-39-3	<b>Barium</b>	<b>755</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-43-9	<b>Cadmium</b>	<b>0.887</b>		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-70-2	<b>Calcium</b>	<b>40600</b>		mg/kg dry	0.555	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-47-3	<b>Chromium</b>	<b>12.0</b>		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-48-4	<b>Cobalt</b>	<b>5.37</b>		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-50-8	<b>Copper</b>	<b>37.6</b>		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7439-89-6	<b>Iron</b>	<b>18800</b>		mg/kg dry	2.22	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	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
7439-92-1	Lead	424		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7439-95-4	Magnesium	6140		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7439-96-5	Manganese	226		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-02-0	Nickel	15.6		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-09-7	Potassium	1290		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7782-49-2	Selenium	1.50		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-23-5	Sodium	261		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-62-2	Vanadium	29.1		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	KV
7440-66-6	Zinc	502		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:44	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	0.481		mg/kg dry	0.0333	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 20:30	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	90.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

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

**Client Sample ID:** SP-11 (6'-8')

**York Sample ID:** 17B0224-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:15 pm

02/06/2017

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.888		mg/kg dry	0.555	0.555	1	EPA 9014/9010C	02/15/2017 14:18	02/16/2017 14:57	DM1
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		

### Sample Information

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C	02/08/2017 16:17	02/09/2017 05:20	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		



### Sample Information

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	27	53	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
67-64-1	<b>Acetone</b>	<b>3.7</b>	<b>J</b>	ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
71-43-2	Benzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
108-86-1	Bromobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-25-2	Bromoform	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
67-66-3	Chloroform	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK



### Sample Information

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
91-20-3	Naphthalene	ND		ug/kg dry	1.3	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 05:20	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:17	02/09/2017 05:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
100-42-5	Styrene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
108-88-3	Toluene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK



### Sample Information

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:17	02/09/2017 05:20	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.3	2.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:17	02/09/2017 05:20	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.1 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	116 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	methyl Propene isomer	3.7	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:17	02/09/2017 05:20	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH



### Sample Information

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.3	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
62-53-3	Aniline	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
120-12-7	<b>Anthracene</b>	<b>88.2</b>	<b>J</b>	ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	<b>Benzo(a)anthracene</b>	<b>222</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>74.6</b>	J	ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>71.6</b>	J	ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>67.8</b>	IS-06, J	ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>110</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>145</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
218-01-9	<b>Chrysene</b>	<b>231</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
206-44-0	<b>Fluoranthene</b>	<b>442</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
86-73-7	Fluorene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
85-01-8	<b>Phenanthrene</b>	<b>323</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
108-95-2	Phenol	ND		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
129-00-0	<b>Pyrene</b>	<b>479</b>		ug/kg dry	47.3	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH
110-86-1	Pyridine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:43	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	54.7 %	20-108
4165-62-2	Surrogate: Phenol-d5	67.0 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	53.3 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	62.1 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.5 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	54.3 %	24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	<b>Anthracenedione isomer</b>	<b>3010</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:43	KH
000192-97-2	<b>benzo[e]pyrene isomer</b>	<b>2860</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:43	KH
NA	<b>Cyclopenta phenanthrene isomer</b>	<b>3540</b>		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:43	KH



### Sample Information

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**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Tentatively Identified Compounds		0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:43	KH

**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	02/07/2017 07:15	02/10/2017 13:01	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
50-29-3	<b>4,4'-DDT</b>	<b>13.1</b>		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
5103-71-9	<b>alpha-Chlordane</b>	<b>3.30</b>		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 13:01	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.3	37.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
60-57-1	<b>Dieldrin</b>	<b>4.24</b>		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
5566-34-7	<b>gamma-Chlordane</b>	<b>3.64</b>		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:15	02/10/2017 13:01	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	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
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.33	9.33	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.4	94.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:01	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	32.2 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	28.9 %	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	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
11096-82-5	<b>Aroclor 1260</b>	<b>0.0550</b>		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:15	02/10/2017 13:33	SA
1336-36-3	<b>* Total PCBs</b>	<b>0.0550</b>		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications:	02/07/2017 07:15	02/10/2017 13:33	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	55.0 %			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	<b>Aluminum</b>	<b>7180</b>		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-36-0	Antimony	ND		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV



### Sample Information

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

**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
7440-38-2	Arsenic	3.15		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-39-3	Barium	182		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-43-9	Cadmium	1.57		mg/kg dry	0.339	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-70-2	Calcium	28300		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-47-3	Chromium	19.7		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-48-4	Cobalt	7.95		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-50-8	Copper	54.5		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7439-89-6	Iron	18200		mg/kg dry	2.26	2.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7439-92-1	Lead	490		mg/kg dry	0.339	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7439-95-4	Magnesium	12800		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7439-96-5	Manganese	314		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-02-0	Nickel	24.5		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-09-7	Potassium	1820		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-23-5	Sodium	272		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-62-2	Vanadium	45.6		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV
7440-66-6	Zinc	529		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:49	KV

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**



**Sample Information**

**Client Sample ID:** SP-11 (8'-10')

**York Sample ID:** 17B0224-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0224

150213 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:20 pm

02/06/2017

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	0.378		mg/kg dry	0.0339	0.0339	1	EPA 7473	02/08/2017 06:17	02/08/2017 20:42	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	88.4		%	0.100	0.100	1	SM 2540G	02/10/2017 10:04	02/10/2017 13:45	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.622		mg/kg dry	0.565	0.565	1	EPA 9014/9010C	02/15/2017 14:18	02/16/2017 14:57	DM1
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		



## Analytical Batch Summary

**Batch ID:** BB70293

**Preparation Method:** EPA 3550C

**Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/07/17
17B0224-01	SP-8 (14'-16')	02/07/17
17B0224-02	SP-7 (2'-4')	02/07/17
17B0224-02	SP-7 (2'-4')	02/07/17
17B0224-03	SP-7 (6'-8')	02/07/17
17B0224-03	SP-7 (6'-8')	02/07/17
17B0224-04	SP-7 (10'-12')	02/07/17
17B0224-04	SP-7 (10'-12')	02/07/17
17B0224-05	SP-7 (12'-14')	02/07/17
17B0224-05	SP-7 (12'-14')	02/07/17
17B0224-06	SP-7 (14'-16')	02/07/17
17B0224-06	SP-7 (14'-16')	02/07/17
17B0224-07	SP-11 (2'-4')	02/07/17
17B0224-07	SP-11 (2'-4')	02/07/17
17B0224-08	SP-11 (4'-6')	02/07/17
17B0224-08	SP-11 (4'-6')	02/07/17
17B0224-09	SP-11 (6'-8')	02/07/17
17B0224-09	SP-11 (6'-8')	02/07/17
17B0224-10	SP-11 (8'-10')	02/07/17
17B0224-10	SP-11 (8'-10')	02/07/17
BB70293-BLK1	Blank	02/07/17
BB70293-BLK2	Blank	02/07/17
BB70293-BS1	LCS	02/07/17
BB70293-BS2	LCS	02/07/17

**Batch ID:** BB70328

**Preparation Method:** EPA 3050B

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/07/17
17B0224-02	SP-7 (2'-4')	02/07/17
17B0224-03	SP-7 (6'-8')	02/07/17
17B0224-04	SP-7 (10'-12')	02/07/17
17B0224-05	SP-7 (12'-14')	02/07/17
17B0224-06	SP-7 (14'-16')	02/07/17
17B0224-07	SP-11 (2'-4')	02/07/17
17B0224-08	SP-11 (4'-6')	02/07/17
17B0224-09	SP-11 (6'-8')	02/07/17
17B0224-10	SP-11 (8'-10')	02/07/17
BB70328-BLK1	Blank	02/07/17
BB70328-DUP1	Duplicate	02/07/17
BB70328-MS1	Matrix Spike	02/07/17
BB70328-SRM1	Reference	02/07/17

**Batch ID:** BB70353

**Preparation Method:** EPA 7473 soil

**Prepared By:** ALD



YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/08/17
17B0224-02	SP-7 (2'-4')	02/08/17
17B0224-03	SP-7 (6'-8')	02/08/17
17B0224-04	SP-7 (10'-12')	02/08/17
17B0224-05	SP-7 (12'-14')	02/08/17
17B0224-06	SP-7 (14'-16')	02/08/17
17B0224-07	SP-11 (2'-4')	02/08/17
17B0224-08	SP-11 (4'-6')	02/08/17
17B0224-09	SP-11 (6'-8')	02/08/17
17B0224-10	SP-11 (8'-10')	02/08/17
BB70353-BLK1	Blank	02/08/17
BB70353-DUP1	Duplicate	02/08/17
BB70353-MS1	Matrix Spike	02/08/17
BB70353-SRM1	Reference	02/08/17

**Batch ID:** BB70391      **Preparation Method:** EPA 3050B      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-02RE1	SP-7 (2'-4')	02/07/17
BB70391-BLK1	Blank	02/08/17
BB70391-SRM1	Reference	02/08/17

**Batch ID:** BB70409      **Preparation Method:** EPA 5035A      **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/08/17
17B0224-02	SP-7 (2'-4')	02/08/17
17B0224-03	SP-7 (6'-8')	02/08/17
17B0224-04	SP-7 (10'-12')	02/08/17
17B0224-05	SP-7 (12'-14')	02/08/17
17B0224-06	SP-7 (14'-16')	02/08/17
BB70409-BLK1	Blank	02/08/17
BB70409-BS1	LCS	02/08/17
BB70409-BSD1	LCS Dup	02/08/17

**Batch ID:** BB70411      **Preparation Method:** EPA 5035A      **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-07	SP-11 (2'-4')	02/08/17
17B0224-08	SP-11 (4'-6')	02/08/17
17B0224-09	SP-11 (6'-8')	02/08/17
17B0224-10	SP-11 (8'-10')	02/08/17
BB70411-BLK1	Blank	02/08/17
BB70411-BS1	LCS	02/08/17
BB70411-BSD1	LCS Dup	02/08/17

**Batch ID:** BB70453      **Preparation Method:** EPA 3550C      **Prepared By:** SGM



YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/10/17
17B0224-02	SP-7 (2'-4')	02/10/17
17B0224-03	SP-7 (6'-8')	02/10/17
17B0224-04	SP-7 (10'-12')	02/10/17
17B0224-05	SP-7 (12'-14')	02/10/17
17B0224-06	SP-7 (14'-16')	02/10/17
17B0224-07	SP-11 (2'-4')	02/10/17
17B0224-08	SP-11 (4'-6')	02/10/17
17B0224-09	SP-11 (6'-8')	02/10/17
17B0224-10	SP-11 (8'-10')	02/10/17
BB70453-BLK1	Blank	02/10/17
BB70453-BS1	LCS	02/10/17
BB70453-BSD1	LCS Dup	02/10/17

**Batch ID:** BB70473      **Preparation Method:** % Solids Prep      **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/10/17
17B0224-02	SP-7 (2'-4')	02/10/17
17B0224-03	SP-7 (6'-8')	02/10/17
17B0224-04	SP-7 (10'-12')	02/10/17
17B0224-05	SP-7 (12'-14')	02/10/17
17B0224-06	SP-7 (14'-16')	02/10/17
17B0224-07	SP-11 (2'-4')	02/10/17
17B0224-08	SP-11 (4'-6')	02/10/17
17B0224-09	SP-11 (6'-8')	02/10/17
17B0224-10	SP-11 (8'-10')	02/10/17

**Batch ID:** BB70768      **Preparation Method:** Analysis Preparation Soil      **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17B0224-01	SP-8 (14'-16')	02/15/17
17B0224-02	SP-7 (2'-4')	02/15/17
17B0224-03	SP-7 (6'-8')	02/15/17
17B0224-04	SP-7 (10'-12')	02/15/17
17B0224-05	SP-7 (12'-14')	02/15/17
17B0224-06	SP-7 (14'-16')	02/15/17
17B0224-07	SP-11 (2'-4')	02/15/17
17B0224-08	SP-11 (4'-6')	02/15/17
17B0224-09	SP-11 (6'-8')	02/15/17
17B0224-10	SP-11 (8'-10')	02/15/17
BB70768-BLK1	Blank	02/15/17
BB70768-DUP1	Duplicate	02/15/17
BB70768-MS1	Matrix Spike	02/15/17
BB70768-SRM1	Reference	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
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**Batch BB70409 - EPA 5035A**

**Blank (BB70409-BLK1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	2.6	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	3.6	10	"								



**Volatile 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			Result					Limit	

**Batch BB70409 - EPA 5035A**

**Blank (BB70409-BLK1)**

Prepared & Analyzed: 02/08/2017

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-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>41.2</i>		<i>"</i>	<i>50.0</i>		<i>82.3</i>	<i>76-130</i>				

**LCS (BB70409-BS1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	51.1		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.6		"	50.0		113	58-146				
1,1,2-Trichloroethane	51.4		"	50.0		103	83-123				
1,1-Dichloroethane	54.9		"	50.0		110	75-130				
1,1-Dichloroethylene	53.5		"	50.0		107	64-137				
1,1-Dichloropropylene	52.5		"	50.0		105	77-127				
1,2,3-Trichlorobenzene	56.9		"	50.0		114	81-140				
1,2,3-Trichloropropane	49.1		"	50.0		98.2	81-126				
1,2,4-Trichlorobenzene	53.0		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	45.9		"	50.0		91.8	84-125				
1,2-Dibromo-3-chloropropane	47.1		"	50.0		94.2	74-142				
1,2-Dibromoethane	52.4		"	50.0		105	86-123				
1,2-Dichlorobenzene	51.0		"	50.0		102	85-122				
1,2-Dichloroethane	53.9		"	50.0		108	71-133				
1,2-Dichloropropane	50.6		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	44.7		"	50.0		89.4	82-126				
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124				
1,3-Dichloropropane	50.9		"	50.0		102	83-123				
1,4-Dichlorobenzene	49.7		"	50.0		99.4	84-124				
1,4-Dioxane	1970		"	1000		197	10-228				
2,2-Dichloropropane	50.2		"	50.0		100	67-136				
2-Butanone	53.1		"	50.0		106	58-147				
2-Chlorotoluene	48.5		"	50.0		97.0	78-127				
4-Chlorotoluene	46.1		"	50.0		92.2	79-125				
Acetone	54.6		"	50.0		109	36-155				
Benzene	55.1		"	50.0		110	77-127				
Bromobenzene	47.0		"	50.0		93.9	77-129				





**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70409 - EPA 5035A**

**LCS (BB70409-BS1)**

Prepared & Analyzed: 02/08/2017

Bromochloromethane	56.5		ug/L	50.0		113	74-129				
Bromodichloromethane	49.0		"	50.0		98.0	81-124				
Bromoform	52.6		"	50.0		105	80-136				
Bromomethane	46.7		"	50.0		93.5	32-177				
Carbon tetrachloride	50.8		"	50.0		102	66-143				
Chlorobenzene	50.6		"	50.0		101	86-120				
Chloroethane	50.0		"	50.0		100	51-142				
Chloroform	54.3		"	50.0		109	76-131				
Chloromethane	54.7		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	55.0		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	49.4		"	50.0		98.9	81-129				
Dibromochloromethane	52.9		"	50.0		106	10-200				
Dibromomethane	51.1		"	50.0		102	83-124				
Dichlorodifluoromethane	54.6		"	50.0		109	28-158				
Ethyl Benzene	48.6		"	50.0		97.3	84-125				
Hexachlorobutadiene	49.3		"	50.0		98.7	83-133				
Isopropylbenzene	45.4		"	50.0		90.8	81-127				
Methyl tert-butyl ether (MTBE)	56.8		"	50.0		114	74-131				
Methylene chloride	55.0		"	50.0		110	57-141				
Naphthalene	54.0		"	50.0		108	86-141				
n-Butylbenzene	46.0		"	50.0		92.0	80-130				
n-Propylbenzene	46.2		"	50.0		92.4	74-136				
o-Xylene	49.2		"	50.0		98.3	83-123				
p- & m- Xylenes	94.8		"	100		94.8	82-128				
p-Isopropyltoluene	46.4		"	50.0		92.7	85-125				
sec-Butylbenzene	46.5		"	50.0		93.0	83-125				
Styrene	50.0		"	50.0		99.9	86-126				
tert-Butylbenzene	45.7		"	50.0		91.4	80-127				
Tetrachloroethylene	48.5		"	50.0		97.1	80-129				
Toluene	49.6		"	50.0		99.2	85-121				
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	50.7		"	50.0		101	78-132				
Trichloroethylene	50.3		"	50.0		101	84-123				
Trichlorofluoromethane	51.0		"	50.0		102	62-140				
Vinyl acetate	60.0		"	50.0		120	67-136				
Vinyl Chloride	51.1		"	50.0		102	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.8</i>		<i>"</i>	<i>50.0</i>		<i>95.6</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>46.2</i>		<i>"</i>	<i>50.0</i>		<i>92.3</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.0</i>		<i>"</i>	<i>50.0</i>		<i>95.9</i>	<i>76-130</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BB70409 - EPA 5035A</b>										
<b>LCS Dup (BB70409-BSD1)</b>										
Prepared & Analyzed: 02/08/2017										
1,1,1,2-Tetrachloroethane	50.5		ug/L	50.0	101	75-129			1.14	30
1,1,1-Trichloroethane	53.0		"	50.0	106	71-137			1.25	30
1,1,2,2-Tetrachloroethane	51.6		"	50.0	103	79-129			1.11	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.2		"	50.0	112	58-146			0.656	30
1,1,2-Trichloroethane	51.6		"	50.0	103	83-123			0.350	30
1,1-Dichloroethane	56.0		"	50.0	112	75-130			2.09	30
1,1-Dichloroethylene	54.2		"	50.0	108	64-137			1.41	30
1,1-Dichloropropylene	54.8		"	50.0	110	77-127			4.17	30
1,2,3-Trichlorobenzene	56.1		"	50.0	112	81-140			1.40	30
1,2,3-Trichloropropane	49.2		"	50.0	98.4	81-126			0.265	30
1,2,4-Trichlorobenzene	51.6		"	50.0	103	80-141			2.83	30
1,2,4-Trimethylbenzene	45.4		"	50.0	90.8	84-125			1.12	30
1,2-Dibromo-3-chloropropane	48.0		"	50.0	95.9	74-142			1.81	30
1,2-Dibromoethane	54.0		"	50.0	108	86-123			3.10	30
1,2-Dichlorobenzene	50.8		"	50.0	102	85-122			0.472	30
1,2-Dichloroethane	53.7		"	50.0	107	71-133			0.279	30
1,2-Dichloropropane	50.0		"	50.0	100	81-122			1.17	30
1,3,5-Trimethylbenzene	45.8		"	50.0	91.6	82-126			2.48	30
1,3-Dichlorobenzene	48.7		"	50.0	97.4	84-124			1.39	30
1,3-Dichloropropane	50.8		"	50.0	102	83-123			0.216	30
1,4-Dichlorobenzene	49.6		"	50.0	99.2	84-124			0.201	30
1,4-Dioxane	1970		"	1000	197	10-228			0.0537	30
2,2-Dichloropropane	50.6		"	50.0	101	67-136			0.674	30
2-Butanone	57.3		"	50.0	115	58-147			7.61	30
2-Chlorotoluene	48.8		"	50.0	97.6	78-127			0.576	30
4-Chlorotoluene	45.3		"	50.0	90.6	79-125			1.75	30
Acetone	56.0		"	50.0	112	36-155			2.55	30
Benzene	54.2		"	50.0	108	77-127			1.52	30
Bromobenzene	47.2		"	50.0	94.4	77-129			0.489	30
Bromochloromethane	55.5		"	50.0	111	74-129			1.80	30
Bromodichloromethane	50.2		"	50.0	100	81-124			2.38	30
Bromoform	51.0		"	50.0	102	80-136			3.11	30
Bromomethane	49.2		"	50.0	98.5	32-177			5.21	30
Carbon tetrachloride	50.1		"	50.0	100	66-143			1.37	30
Chlorobenzene	50.3		"	50.0	101	86-120			0.733	30
Chloroethane	50.6		"	50.0	101	51-142			1.21	30
Chloroform	54.9		"	50.0	110	76-131			0.952	30
Chloromethane	59.2		"	50.0	118	49-132			7.99	30
cis-1,2-Dichloroethylene	56.0		"	50.0	112	74-132			1.69	30
cis-1,3-Dichloropropylene	49.9		"	50.0	99.7	81-129			0.866	30
Dibromochloromethane	53.6		"	50.0	107	10-200			1.48	30
Dibromomethane	52.0		"	50.0	104	83-124			1.71	30
Dichlorodifluoromethane	57.2		"	50.0	114	28-158			4.78	30
Ethyl Benzene	49.3		"	50.0	98.6	84-125			1.37	30
Hexachlorobutadiene	53.0		"	50.0	106	83-133			7.08	30
Isopropylbenzene	45.2		"	50.0	90.4	81-127			0.441	30
Methyl tert-butyl ether (MTBE)	57.6		"	50.0	115	74-131			1.43	30
Methylene chloride	53.8		"	50.0	108	57-141			2.32	30
Naphthalene	54.6		"	50.0	109	86-141			1.10	30
n-Butylbenzene	47.1		"	50.0	94.2	80-130			2.28	30
n-Propylbenzene	46.6		"	50.0	93.2	74-136			0.776	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70409 - EPA 5035A

LCS Dup (BB70409-BSD1)

Prepared & Analyzed: 02/08/2017

o-Xylene	49.8		ug/L	50.0		99.5	83-123		1.21	30	
p- & m- Xylenes	98.6		"	100		98.6	82-128		3.94	30	
p-Isopropyltoluene	46.4		"	50.0		92.9	85-125		0.194	30	
sec-Butylbenzene	46.8		"	50.0		93.5	83-125		0.579	30	
Styrene	49.9		"	50.0		99.8	86-126		0.100	30	
tert-Butylbenzene	48.3		"	50.0		96.7	80-127		5.55	30	
Tetrachloroethylene	49.2		"	50.0		98.3	80-129		1.27	30	
Toluene	51.1		"	50.0		102	85-121		2.88	30	
trans-1,2-Dichloroethylene	55.2		"	50.0		110	72-132		5.01	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132		0.629	30	
Trichloroethylene	50.1		"	50.0		100	84-123		0.379	30	
Trichlorofluoromethane	49.8		"	50.0		99.6	62-140		2.24	30	
Vinyl acetate	58.5		"	50.0		117	67-136		2.46	30	
Vinyl Chloride	50.9		"	50.0		102	52-130		0.294	30	
Surrogate: 1,2-Dichloroethane-d4	48.3		"	50.0		96.7	77-125				
Surrogate: Toluene-d8	47.6		"	50.0		95.1	85-120				
Surrogate: p-Bromofluorobenzene	48.3		"	50.0		96.7	76-130				

Batch BB70411 - EPA 5035A

Blank (BB70411-BLK1)

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70411 - EPA 5035A**

**Blank (BB70411-BLK1)**

Prepared & Analyzed: 02/08/2017

Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	45.3		ug/L	50.0		90.7	77-125				
<i>Surrogate: Toluene-d8</i>	49.5		"	50.0		99.0	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	53.2		"	50.0		106	76-130				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70411 - EPA 5035A**

**LCS (BB70411-BS1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0		99.0	75-129				
1,1,1-Trichloroethane	54.0		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	46.5		"	50.0		93.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.4		"	50.0		101	58-146				
1,1,2-Trichloroethane	52.4		"	50.0		105	83-123				
1,1-Dichloroethane	53.9		"	50.0		108	75-130				
1,1-Dichloroethylene	50.5		"	50.0		101	64-137				
1,1-Dichloropropylene	54.0		"	50.0		108	77-127				
1,2,3-Trichlorobenzene	48.5		"	50.0		97.0	81-140				
1,2,3-Trichloropropane	47.1		"	50.0		94.2	81-126				
1,2,4-Trichlorobenzene	47.7		"	50.0		95.4	80-141				
1,2,4-Trimethylbenzene	46.6		"	50.0		93.1	84-125				
1,2-Dibromo-3-chloropropane	47.7		"	50.0		95.4	74-142				
1,2-Dibromoethane	54.5		"	50.0		109	86-123				
1,2-Dichlorobenzene	48.0		"	50.0		96.0	85-122				
1,2-Dichloroethane	51.3		"	50.0		103	71-133				
1,2-Dichloropropane	51.5		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	45.7		"	50.0		91.4	82-126				
1,3-Dichlorobenzene	49.0		"	50.0		98.0	84-124				
1,3-Dichloropropane	51.1		"	50.0		102	83-123				
1,4-Dichlorobenzene	49.1		"	50.0		98.2	84-124				
1,4-Dioxane	822		"	1000		82.2	10-228				
2,2-Dichloropropane	51.2		"	50.0		102	67-136				
2-Butanone	57.7		"	50.0		115	58-147				
2-Chlorotoluene	45.9		"	50.0		91.7	78-127				
4-Chlorotoluene	45.7		"	50.0		91.4	79-125				
Acetone	40.6		"	50.0		81.3	36-155				
Benzene	57.6		"	50.0		115	77-127				
Bromobenzene	47.8		"	50.0		95.6	77-129				
Bromochloromethane	57.1		"	50.0		114	74-129				
Bromodichloromethane	48.7		"	50.0		97.4	81-124				
Bromoform	55.8		"	50.0		112	80-136				
Bromomethane	43.3		"	50.0		86.5	32-177				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	52.0		"	50.0		104	86-120				
Chloroethane	47.1		"	50.0		94.2	51-142				
Chloroform	55.1		"	50.0		110	76-131				
Chloromethane	51.4		"	50.0		103	49-132				
cis-1,2-Dichloroethylene	57.0		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	51.6		"	50.0		103	81-129				
Dibromochloromethane	51.6		"	50.0		103	10-200				
Dibromomethane	53.1		"	50.0		106	83-124				
Dichlorodifluoromethane	53.2		"	50.0		106	28-158				
Ethyl Benzene	48.8		"	50.0		97.6	84-125				
Hexachlorobutadiene	47.0		"	50.0		94.0	83-133				
Isopropylbenzene	48.0		"	50.0		96.0	81-127				
Methyl tert-butyl ether (MTBE)	52.4		"	50.0		105	74-131				
Methylene chloride	53.9		"	50.0		108	57-141				
Naphthalene	51.1		"	50.0		102	86-141				
n-Butylbenzene	45.0		"	50.0		90.0	80-130				
n-Propylbenzene	46.1		"	50.0		92.2	74-136				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BB70411 - EPA 5035A</b>										
<b>LCS (BB70411-BS1)</b>										
Prepared & Analyzed: 02/08/2017										
o-Xylene	49.5		ug/L	50.0	99.0		83-123			
p- & m- Xylenes	97.5		"	100	97.5		82-128			
p-Isopropyltoluene	47.0		"	50.0	93.9		85-125			
sec-Butylbenzene	47.8		"	50.0	95.7		83-125			
Styrene	49.2		"	50.0	98.4		86-126			
tert-Butylbenzene	47.7		"	50.0	95.4		80-127			
Tetrachloroethylene	53.6		"	50.0	107		80-129			
Toluene	51.0		"	50.0	102		85-121			
trans-1,2-Dichloroethylene	54.2		"	50.0	108		72-132			
trans-1,3-Dichloropropylene	48.5		"	50.0	97.0		78-132			
Trichloroethylene	52.2		"	50.0	104		84-123			
Trichlorofluoromethane	46.3		"	50.0	92.7		62-140			
Vinyl acetate	69.6		"	50.0	139		67-136	High Bias		
Vinyl Chloride	50.7		"	50.0	101		52-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>43.8</i>		"	<i>50.0</i>	<i>87.7</i>		<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.2</i>		"	<i>50.0</i>	<i>92.4</i>		<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.1</i>		"	<i>50.0</i>	<i>102</i>		<i>76-130</i>			
<b>LCS Dup (BB70411-BSD1)</b>										
Prepared & Analyzed: 02/08/2017										
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0	100		75-129		1.08	30
1,1,1-Trichloroethane	53.8		"	50.0	108		71-137		0.352	30
1,1,2,2-Tetrachloroethane	50.4		"	50.0	101		79-129		8.15	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.8		"	50.0	99.6		58-146		1.34	30
1,1,2-Trichloroethane	54.3		"	50.0	109		83-123		3.51	30
1,1-Dichloroethane	53.2		"	50.0	106		75-130		1.31	30
1,1-Dichloroethylene	50.2		"	50.0	100		64-137		0.595	30
1,1-Dichloropropylene	52.4		"	50.0	105		77-127		3.06	30
1,2,3-Trichlorobenzene	50.1		"	50.0	100		81-140		3.22	30
1,2,3-Trichloropropane	49.8		"	50.0	99.7		81-126		5.63	30
1,2,4-Trichlorobenzene	47.8		"	50.0	95.5		80-141		0.189	30
1,2,4-Trimethylbenzene	46.8		"	50.0	93.6		84-125		0.557	30
1,2-Dibromo-3-chloropropane	49.4		"	50.0	98.8		74-142		3.42	30
1,2-Dibromoethane	55.4		"	50.0	111		86-123		1.67	30
1,2-Dichlorobenzene	49.4		"	50.0	98.8		85-122		2.89	30
1,2-Dichloroethane	50.8		"	50.0	102		71-133		0.842	30
1,2-Dichloropropane	52.2		"	50.0	104		81-122		1.43	30
1,3,5-Trimethylbenzene	46.7		"	50.0	93.4		82-126		2.21	30
1,3-Dichlorobenzene	49.3		"	50.0	98.5		84-124		0.550	30
1,3-Dichloropropane	51.4		"	50.0	103		83-123		0.644	30
1,4-Dichlorobenzene	49.9		"	50.0	99.7		84-124		1.56	30
1,4-Dioxane	840		"	1000	84.0		10-228		2.13	30
2,2-Dichloropropane	50.4		"	50.0	101		67-136		1.55	30
2-Butanone	53.6		"	50.0	107		58-147		7.39	30
2-Chlorotoluene	45.4		"	50.0	90.7		78-127		1.12	30
4-Chlorotoluene	46.2		"	50.0	92.4		79-125		1.11	30
Acetone	43.5		"	50.0	86.9		36-155		6.71	30
Benzene	57.4		"	50.0	115		77-127		0.243	30
Bromobenzene	48.7		"	50.0	97.4		77-129		1.84	30
Bromochloromethane	57.9		"	50.0	116		74-129		1.51	30
Bromodichloromethane	48.8		"	50.0	97.6		81-124		0.226	30
Bromoform	56.9		"	50.0	114		80-136		1.93	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70411 - EPA 5035A

LCS Dup (BB70411-BSD1)

Prepared & Analyzed: 02/08/2017

Bromomethane	42.2		ug/L	50.0		84.4	32-177		2.46	30	
Carbon tetrachloride	53.4		"	50.0		107	66-143		2.43	30	
Chlorobenzene	51.5		"	50.0		103	86-120		1.14	30	
Chloroethane	47.9		"	50.0		95.7	51-142		1.60	30	
Chloroform	54.6		"	50.0		109	76-131		0.875	30	
Chloromethane	51.1		"	50.0		102	49-132		0.604	30	
cis-1,2-Dichloroethylene	56.0		"	50.0		112	74-132		1.74	30	
cis-1,3-Dichloropropylene	51.0		"	50.0		102	81-129		1.17	30	
Dibromochloromethane	54.2		"	50.0		108	10-200		5.05	30	
Dibromomethane	52.8		"	50.0		106	83-124		0.397	30	
Dichlorodifluoromethane	52.3		"	50.0		105	28-158		1.84	30	
Ethyl Benzene	49.6		"	50.0		99.2	84-125		1.65	30	
Hexachlorobutadiene	48.7		"	50.0		97.5	83-133		3.59	30	
Isopropylbenzene	49.0		"	50.0		98.1	81-127		2.18	30	
Methyl tert-butyl ether (MTBE)	53.0		"	50.0		106	74-131		1.10	30	
Methylene chloride	54.2		"	50.0		108	57-141		0.555	30	
Naphthalene	51.6		"	50.0		103	86-141		1.09	30	
n-Butylbenzene	45.1		"	50.0		90.3	80-130		0.311	30	
n-Propylbenzene	46.7		"	50.0		93.4	74-136		1.36	30	
o-Xylene	49.7		"	50.0		99.5	83-123		0.463	30	
p- & m- Xylenes	97.7		"	100		97.7	82-128		0.215	30	
p-Isopropyltoluene	46.9		"	50.0		93.7	85-125		0.213	30	
sec-Butylbenzene	48.0		"	50.0		96.0	83-125		0.355	30	
Styrene	50.6		"	50.0		101	86-126		2.84	30	
tert-Butylbenzene	48.4		"	50.0		96.9	80-127		1.58	30	
Tetrachloroethylene	52.8		"	50.0		106	80-129		1.54	30	
Toluene	50.9		"	50.0		102	85-121		0.157	30	
trans-1,2-Dichloroethylene	53.1		"	50.0		106	72-132		2.11	30	
trans-1,3-Dichloropropylene	50.0		"	50.0		100	78-132		3.11	30	
Trichloroethylene	51.3		"	50.0		103	84-123		1.66	30	
Trichlorofluoromethane	45.1		"	50.0		90.3	62-140		2.60	30	
Vinyl acetate	66.5		"	50.0		133	67-136		4.47	30	
Vinyl Chloride	50.2		"	50.0		100	52-130		0.932	30	
Surrogate: 1,2-Dichloroethane-d4	43.8		"	50.0		87.7	77-125				
Surrogate: Toluene-d8	46.0		"	50.0		92.1	85-120				
Surrogate: p-Bromofluorobenzene	51.2		"	50.0		102	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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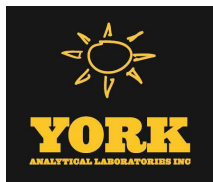
Batch BB70453 - EPA 3550C

Blank (BB70453-BLK1)

Prepared & Analyzed: 02/10/2017

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	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	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 alcohol	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	"								
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	"								





## Semivolatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

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

#### Batch BB70453 - EPA 3550C

##### Blank (BB70453-BLK1)

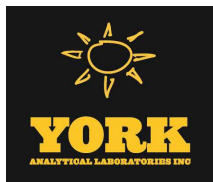
Prepared & Analyzed: 02/10/2017

Hexachlorobenzene	ND	41.7	ug/kg wet								
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	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
<i>Surrogate: 2-Fluorophenol</i>	2140		"	2650		80.7		20-108			
<i>Surrogate: Phenol-d5</i>	1720		"	2710		63.5		23-114			
<i>Surrogate: Nitrobenzene-d5</i>	1000		"	1740		57.6		22-108			
<i>Surrogate: 2-Fluorobiphenyl</i>	1190		"	1780		67.0		21-113			
<i>Surrogate: 2,4,6-Tribromophenol</i>	2680		"	2510		107		19-110			
<i>Surrogate: Terphenyl-d14</i>	2050		"	1740		118		24-116			

##### LCS (BB70453-BS1)

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	1170	41.7	ug/kg wet	1670		70.1		23-130			
1,2-Dichlorobenzene	1200	41.7	"	1670		72.1		26-113			
1,3-Dichlorobenzene	1210	41.7	"	1670		72.4		32-113			
1,4-Dichlorobenzene	1040	41.7	"	1670		62.3		28-111			
2,4,5-Trichlorophenol	1230	41.7	"	1670		74.0		14-138			
2,4,6-Trichlorophenol	1230	41.7	"	1670		73.7		27-122			
2,4-Dichlorophenol	1170	41.7	"	1670		70.3		23-133			
2,4-Dimethylphenol	1520	41.7	"	1670		91.1		15-131			
2,4-Dinitrophenol	1030	83.3	"	1670		62.0		10-149			
2,4-Dinitrotoluene	1290	41.7	"	1670		77.4		30-123			
2,6-Dinitrotoluene	1330	41.7	"	1670		79.8		30-125			
2-Chloronaphthalene	1160	41.7	"	1670		69.8		22-115			
2-Chlorophenol	1180	41.7	"	1670		70.6		25-121			
2-Methylnaphthalene	1610	41.7	"	1670		96.8		16-127			
2-Methylphenol	1130	41.7	"	1670		67.6		10-146			
2-Nitroaniline	1340	83.3	"	1670		80.4		24-126			
2-Nitrophenol	1310	41.7	"	1670		78.8		17-129			
3- & 4-Methylphenols	1060	41.7	"	1670		63.6		20-109			
3,3-Dichlorobenzidine	1290	41.7	"	8330		15.4		10-147			
3-Nitroaniline	1640	83.3	"	1670		98.5		23-123			
4,6-Dinitro-2-methylphenol	1340	83.3	"	1670		80.3		10-149			
4-Bromophenyl phenyl ether	1430	41.7	"	1670		85.6		30-138			
4-Chloro-3-methylphenol	1280	41.7	"	1670		77.0		16-138			
4-Chloroaniline	1050	41.7	"	1670		62.8		10-117			
4-Chlorophenyl phenyl ether	1260	41.7	"	1670		75.3		18-132			
4-Nitroaniline	1860	83.3	"	1670		111		14-125			
4-Nitrophenol	932	83.3	"	1670		55.9		10-136			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

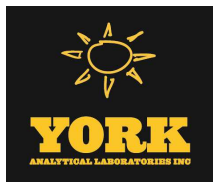
Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

Batch BB70453 - EPA 3550C

LCS (BB70453-BS1)

Prepared & Analyzed: 02/10/2017

Acenaphthene	1250	41.7	ug/kg wet	1670		74.8	17-124				
Acenaphthylene	1200	41.7	"	1670		72.2	16-124				
Aniline	1690	167	"	1670		102	10-111				
Anthracene	1340	41.7	"	1670		80.6	24-124				
Benzo(a)anthracene	1280	41.7	"	1670		76.5	25-134				
Benzo(a)pyrene	842	41.7	"	1670		50.5	29-144				
Benzo(b)fluoranthene	879	41.7	"	1670		52.8	20-151				
Benzo(g,h,i)perylene	829	41.7	"	1670		49.8	10-153				
Benzo(k)fluoranthene	1010	41.7	"	1670		60.4	10-148				
Benzyl alcohol	1330	41.7	"	1670		79.5	17-128				
Benzyl butyl phthalate	1780	41.7	"	1670		107	10-132				
Bis(2-chloroethoxy)methane	1220	41.7	"	1670		73.1	10-129				
Bis(2-chloroethyl)ether	1080	41.7	"	1670		65.0	14-125				
Bis(2-chloroisopropyl)ether	1560	41.7	"	1670		93.5	14-122				
Bis(2-ethylhexyl)phthalate	1830	41.7	"	1670		110	10-141				
Chrysene	956	41.7	"	1670		57.4	24-116				
Dibenzo(a,h)anthracene	1140	41.7	"	1670		68.3	17-147				
Dibenzofuran	1240	41.7	"	1670		74.4	23-123				
Diethyl phthalate	1190	41.7	"	1670		71.1	23-122				
Dimethyl phthalate	1200	41.7	"	1670		71.9	28-127				
Di-n-butyl phthalate	1200	41.7	"	1670		71.8	19-123				
Di-n-octyl phthalate	1250	41.7	"	1670		74.9	10-132				
Fluoranthene	1130	41.7	"	1670		67.5	36-125				
Fluorene	1220	41.7	"	1670		73.4	16-130				
Hexachlorobenzene	1140	41.7	"	1670		68.5	10-129				
Hexachlorobutadiene	1240	41.7	"	1670		74.7	22-153				
Hexachlorocyclopentadiene	763	41.7	"	1670		45.8	10-134				
Hexachloroethane	1090	41.7	"	1670		65.6	20-112				
Indeno(1,2,3-cd)pyrene	1070	41.7	"	1670		64.4	10-155				
Isophorone	1100	41.7	"	1670		65.8	14-131				
Naphthalene	1270	41.7	"	1670		76.3	20-121				
Nitrobenzene	1030	41.7	"	1670		61.7	20-121				
N-Nitrosodimethylamine	636	41.7	"	1670		38.2	10-124				
N-nitroso-di-n-propylamine	1110	41.7	"	1670		66.3	21-119				
N-Nitrosodiphenylamine	1940	41.7	"	1670		116	10-163				
Pentachlorophenol	1100	41.7	"	1670		66.0	10-143				
Phenanthrene	1340	41.7	"	1670		80.6	24-123				
Phenol	1270	41.7	"	1670		76.5	15-123				
Pyrene	1900	41.7	"	1670		114	24-132				
Pyridine	890	167	"	1670		53.4	10-92				
Surrogate: 2-Fluorophenol	2360		"	2650		89.4	20-108				
Surrogate: Phenol-d5	1980		"	2710		73.2	23-114				
Surrogate: Nitrobenzene-d5	1090		"	1740		62.8	22-108				
Surrogate: 2-Fluorobiphenyl	1230		"	1780		69.4	21-113				
Surrogate: 2,4,6-Tribromophenol	3050		"	2510		122	30-130				
Surrogate: Terphenyl-d14	1610		"	1740		92.5	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
<b>Batch BB70453 - EPA 3550C</b>											
<b>LCS Dup (BB70453-BSD1)</b>											
										Prepared & Analyzed: 02/10/2017	
1,2,4-Trichlorobenzene	1440	41.7	ug/kg wet	1670		86.3	23-130		20.8	30	
1,2-Dichlorobenzene	1430	41.7	"	1670		85.9	26-113		17.4	30	
1,3-Dichlorobenzene	1410	41.7	"	1670		84.3	32-113		15.2	30	
1,4-Dichlorobenzene	1220	41.7	"	1670		73.2	28-111		16.1	30	
2,4,5-Trichlorophenol	1320	41.7	"	1670		79.2	14-138		6.89	30	
2,4,6-Trichlorophenol	1430	41.7	"	1670		85.8	27-122		15.1	30	
2,4-Dichlorophenol	1470	41.7	"	1670		88.3	23-133		22.6	30	
2,4-Dimethylphenol	1800	41.7	"	1670		108	15-131		17.1	30	
2,4-Dinitrophenol	1150	83.3	"	1670		68.8	10-149		10.4	30	
2,4-Dinitrotoluene	1460	41.7	"	1670		87.5	30-123		12.3	30	
2,6-Dinitrotoluene	1510	41.7	"	1670		90.7	30-125		12.8	30	
2-Chloronaphthalene	1360	41.7	"	1670		81.4	22-115		15.4	30	
2-Chlorophenol	1370	41.7	"	1670		82.2	25-121		15.2	30	
2-Methylnaphthalene	1720	41.7	"	1670		103	16-127		6.46	30	
2-Methylphenol	ND	41.7	"	1670			10-146	Low Bias		30	
2-Nitroaniline	1530	83.3	"	1670		91.8	24-126		13.2	30	
2-Nitrophenol	1480	41.7	"	1670		88.5	17-129		11.6	30	
3- & 4-Methylphenols	1260	41.7	"	1670		75.6	20-109		17.2	30	
3,3-Dichlorobenzidine	1460	41.7	"	8330		17.6	10-147		12.8	30	
3-Nitroaniline	1780	83.3	"	1670		107	23-123		7.94	30	
4,6-Dinitro-2-methylphenol	1480	83.3	"	1670		88.7	10-149		9.94	30	
4-Bromophenyl phenyl ether	1650	41.7	"	1670		99.0	30-138		14.6	30	
4-Chloro-3-methylphenol	1350	41.7	"	1670		80.8	16-138		4.81	30	
4-Chloroaniline	953	41.7	"	1670		57.2	10-117		9.37	30	
4-Chlorophenyl phenyl ether	1450	41.7	"	1670		87.0	18-132		14.3	30	
4-Nitroaniline	2220	83.3	"	1670		133	14-125	High Bias	17.9	30	
4-Nitrophenol	ND	83.3	"	1670			10-136	Low Bias		30	
Acenaphthene	1440	41.7	"	1670		86.6	17-124		14.5	30	
Acenaphthylene	1390	41.7	"	1670		83.5	16-124		14.5	30	
Aniline	1850	167	"	1670		111	10-111		8.91	30	
Anthracene	1500	41.7	"	1670		90.2	24-124		11.2	30	
Benzo(a)anthracene	1450	41.7	"	1670		87.0	25-134		12.9	30	
Benzo(a)pyrene	994	41.7	"	1670		59.6	29-144		16.6	30	
Benzo(b)fluoranthene	1030	41.7	"	1670		61.8	20-151		15.8	30	
Benzo(g,h,i)perylene	977	41.7	"	1670		58.6	10-153		16.3	30	
Benzo(k)fluoranthene	1010	41.7	"	1670		60.5	10-148		0.232	30	
Benzyl alcohol	1590	41.7	"	1670		95.5	17-128		18.3	30	
Benzyl butyl phthalate	1900	41.7	"	1670		114	10-132		6.73	30	
Bis(2-chloroethoxy)methane	1460	41.7	"	1670		87.4	10-129		17.8	30	
Bis(2-chloroethyl)ether	1290	41.7	"	1670		77.5	14-125		17.6	30	
Bis(2-chloroisopropyl)ether	1850	41.7	"	1670		111	14-122		17.3	30	
Bis(2-ethylhexyl)phthalate	1880	41.7	"	1670		113	10-141		2.64	30	
Chrysene	1120	41.7	"	1670		67.2	24-116		15.7	30	
Dibenzo(a,h)anthracene	1330	41.7	"	1670		79.9	17-147		15.7	30	
Dibenzofuran	1440	41.7	"	1670		86.3	23-123		14.8	30	
Diethyl phthalate	1330	41.7	"	1670		79.8	23-122		11.4	30	
Dimethyl phthalate	1350	41.7	"	1670		81.1	28-127		12.1	30	
Di-n-butyl phthalate	1280	41.7	"	1670		76.9	19-123		6.94	30	
Di-n-octyl phthalate	1420	41.7	"	1670		85.2	10-132		12.9	30	
Fluoranthene	1310	41.7	"	1670		78.7	36-125		15.3	30	
Fluorene	1400	41.7	"	1670		83.9	16-130		13.5	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	
		Limit			Result				RPD	Limit
<b>Batch BB70453 - EPA 3550C</b>										
<b>LCS Dup (BB70453-BSD1)</b>										
Prepared & Analyzed: 02/10/2017										
Hexachlorobenzene	1200	41.7	ug/kg wet	1670		72.2	10-129		5.29	30
Hexachlorobutadiene	1340	41.7	"	1670		80.6	22-153		7.55	30
Hexachlorocyclopentadiene	911	41.7	"	1670		54.7	10-134		17.7	30
Hexachloroethane	1320	41.7	"	1670		78.9	20-112		18.5	30
Indeno(1,2,3-cd)pyrene	1220	41.7	"	1670		73.5	10-155		13.3	30
Isophorone	1180	41.7	"	1670		70.6	14-131		7.03	30
Naphthalene	1430	41.7	"	1670		85.7	20-121		11.6	30
Nitrobenzene	1070	41.7	"	1670		64.3	20-121		4.10	30
N-Nitrosodimethylamine	560	41.7	"	1670		33.6	10-124		12.8	30
N-nitroso-di-n-propylamine	1330	41.7	"	1670		79.6	21-119		18.1	30
N-Nitrosodiphenylamine	2110	41.7	"	1670		127	10-163		8.41	30
Pentachlorophenol	1340	41.7	"	1670		80.5	10-143		19.9	30
Phenanthrene	1520	41.7	"	1670		90.9	24-123		12.1	30
Phenol	47.7	41.7	"	1670		2.86	15-123	Low Bias	186	30 Non-dir.
Pyrene	2200	41.7	"	1670		132	24-132		14.5	30
Pyridine	534	167	"	1670		32.0	10-92		50.0	30 Non-dir.
<i>Surrogate: 2-Fluorophenol</i>	<i>2720</i>		<i>"</i>	<i>2650</i>		<i>103</i>	<i>20-108</i>			
<i>Surrogate: Phenol-d5</i>	<i>2340</i>		<i>"</i>	<i>2710</i>		<i>86.3</i>	<i>23-114</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>1120</i>		<i>"</i>	<i>1740</i>		<i>64.4</i>	<i>22-108</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1430</i>		<i>"</i>	<i>1780</i>		<i>80.1</i>	<i>21-113</i>			
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>3560</i>		<i>"</i>	<i>2510</i>		<i>142</i>	<i>30-130</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>1870</i>		<i>"</i>	<i>1740</i>		<i>108</i>	<i>24-116</i>			



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70293 - EPA 3550C**

**Blank (BB70293-BLK1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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	"								
<i>Surrogate: Decachlorobiphenyl</i>	33.0		"	66.7		49.5		30-150			
<i>Surrogate: Tetrachloro-m-xylene</i>	41.6		"	66.7		62.4		30-150			

**LCS (BB70293-BS1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

4,4'-DDD	30.5	0.330	ug/kg wet	33.3		91.4		40-140			
4,4'-DDE	29.1	0.330	"	33.3		87.3		40-140			
4,4'-DDT	26.7	0.330	"	33.3		80.0		40-140			
Aldrin	34.5	0.330	"	33.3		103		40-140			
alpha-BHC	34.2	0.330	"	33.3		103		40-140			
alpha-Chlordane	31.3	0.330	"	33.3		93.9		40-140			
beta-BHC	30.1	0.330	"	33.3		90.4		40-140			
delta-BHC	32.1	0.330	"	33.3		96.4		40-140			
Dieldrin	34.3	0.330	"	33.3		103		40-140			
Endosulfan I	33.9	0.330	"	33.3		102		40-140			
Endosulfan II	30.6	0.330	"	33.3		91.8		40-140			
Endosulfan sulfate	31.5	0.330	"	33.3		94.4		40-140			
Endrin	27.4	0.330	"	33.3		82.3		40-140			
Endrin aldehyde	30.7	0.330	"	33.3		92.2		40-140			
Endrin ketone	31.4	0.330	"	33.3		94.1		40-140			
gamma-BHC (Lindane)	32.4	0.330	"	33.3		97.3		40-140			
gamma-Chlordane	30.6	0.330	"	33.3		91.8		40-140			
Heptachlor	28.0	0.330	"	33.3		84.1		40-140			
Heptachlor epoxide	32.0	0.330	"	33.3		96.1		40-140			
Methoxychlor	22.7	1.65	"	33.3		68.0		40-140			
<i>Surrogate: Decachlorobiphenyl</i>	34.0		"	66.7		51.0		30-150			
<i>Surrogate: Tetrachloro-m-xylene</i>	41.3		"	66.7		62.0		30-150			



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch Y7B1003 - BB70285**

**Performance Mix (Y7B1003-PEM1)**

Prepared & Analyzed: 02/08/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	2.58		"	0.00				0-200					
4,4'-DDT	143		"	200		71.7		0-200					
Endrin	105		"	100		105		0-200					
Endrin aldehyde	1.25		"	0.00				0-200					
Endrin ketone	6.56		"	0.00				0-200					

**Performance Mix (Y7B1003-PEM2)**

Prepared & Analyzed: 02/08/2017

4,4'-DDD	15.1		ng/mL	0.00				0-200					
4,4'-DDE	2.67		"	0.00				0-200					
4,4'-DDT	134		"	200		67.0		0-200					
Endrin	82.3		"	100		82.3		0-200					
Endrin aldehyde	3.09		"	0.00				0-200					
Endrin ketone	8.91		"	0.00				0-200					



**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70293 - EPA 3550C**

**Blank (BB70293-BLK2)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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	"										

<i>Surrogate: Tetrachloro-m-xylene</i>	0.0513		"	0.0667		77.0		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0567		"	0.0667		85.0		30-140					

**LCS (BB70293-BS2)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aroclor 1016	0.292	0.0167	mg/kg wet	0.333		87.6		40-130					
Aroclor 1260	0.277	0.0167	"	0.333		83.2		40-130					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0510		"	0.0667		76.5		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0580		"	0.0667		87.0		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
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**Batch BB70328 - EPA 3050B**

**Blank (BB70328-BLK1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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 (BB70328-DUP1)**

\*Source sample: 17B0224-01 (SP-8 (14'-16'))

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aluminum	8400	6.11	mg/kg dry		8320				0.941	35	
Antimony	ND	0.611	"		ND					35	
Arsenic	3.69	1.22	"		3.75				1.69	35	
Barium	151	1.22	"		148				1.78	35	
Beryllium	ND	0.122	"		ND					35	
Cadmium	0.686	0.367	"		0.672				2.03	35	
Calcium	18400	6.11	"		18600				0.792	35	
Chromium	22.9	0.611	"		22.6				1.49	35	
Cobalt	6.97	0.611	"		6.89				1.24	35	
Copper	48.6	0.611	"		47.9				1.46	35	
Iron	14900	2.45	"		14700				0.965	35	
Lead	228	0.367	"		225				1.56	35	
Magnesium	8480	6.11	"		8410				0.812	35	
Manganese	196	0.611	"		194				1.17	35	
Nickel	19.5	0.611	"		19.2				1.36	35	
Potassium	2890	6.11	"		2860				1.01	35	
Selenium	ND	1.22	"		ND					35	
Silver	ND	0.611	"		ND					35	
Sodium	443	12.2	"		440				0.845	35	
Thallium	ND	1.22	"		ND					35	
Vanadium	39.8	1.22	"		39.2				1.54	35	
Zinc	134	1.22	"		132				1.44	35	





**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70328 - EPA 3050B**

<b>Matrix Spike (BB70328-MS1)</b>	<b>*Source sample: 17B0224-01 (SP-8 (14'-16'))</b>						<b>Prepared: 02/07/2017 Analyzed: 02/08/2017</b>				
Aluminum	8570	6.11	mg/kg dry	245	8320	100	75-125				
Antimony	22.3	0.611	"	30.6	ND	73.0	75-125	Low Bias			
Arsenic	209	1.22	"	245	3.75	83.9	75-125				
Barium	353	1.22	"	245	148	83.7	75-125				
Beryllium	4.86	0.122	"	6.11	ND	79.4	75-125				
Cadmium	5.69	0.367	"	6.11	0.672	82.0	75-125				
Chromium	41.6	0.611	"	24.5	22.6	77.7	75-125				
Cobalt	56.5	0.611	"	61.1	6.89	81.1	75-125				
Copper	74.1	0.611	"	30.6	47.9	85.7	75-125				
Iron	15000	2.45	"	122	14700	189	75-125	High Bias			
Lead	281	0.367	"	61.1	225	91.3	75-125				
Magnesium	8480	6.11	"		8410		75-125				
Manganese	248	0.611	"	61.1	194	88.6	75-125				
Nickel	71.1	0.611	"	61.1	19.2	84.8	75-125				
Potassium	2870	6.11	"		2860		75-125				
Selenium	206	1.22	"	245	ND	84.1	75-125				
Silver	ND	0.611	"	6.11	ND		75-125	Low Bias			
Sodium	448	12.2	"		440		75-125				
Thallium	181	1.22	"	245	ND	73.8	75-125	Low Bias			
Vanadium	88.4	1.22	"	61.1	39.2	80.5	75-125				
Zinc	176	1.22	"	61.1	132	72.1	75-125	Low Bias			

<b>Reference (BB70328-SRM1)</b>	<b>Prepared: 02/07/2017 Analyzed: 02/08/2017</b>									
Aluminum	6530	5.00	mg/kg wet	8200		79.7	40-159.7			
Antimony	25.0	0.500	"	105		23.8	19.6-254.3			
Arsenic	182	1.00	"	221		82.6	71-133.5			
Barium	371	1.00	"	428		86.6	74.6-125.5			
Beryllium	89.2	0.100	"	112		79.6	75-125			
Cadmium	97.6	0.300	"	126		77.5	73.3-126.2			
Calcium	4820	5.00	"	6160		78.3	73.9-126.1			
Chromium	58.8	0.500	"	74.7		78.8	68.5-131.3			
Cobalt	148	0.500	"	198		75.0	74.7-125.8			
Copper	69.7	0.500	"	83.3		83.7	73.8-130.8			
Iron	12500	2.00	"	14600		85.9	36.1-163.7			
Lead	65.1	0.300	"	76.9		84.6	68.8-131.3			
Magnesium	2480	5.00	"	3180		77.9	66.9-133.3			
Manganese	377	0.500	"	452		83.4	76.5-123.5			
Nickel	140	0.500	"	178		78.5	73.6-128.7			
Potassium	2360	5.00	"	2820		83.5	62.1-137.9			
Selenium	89.7	1.00	"	111		80.8	65.7-134.2			
Silver	1.29	0.500	"	59.6		2.17	66.8-133.1	Low Bias		
Sodium	577	10.0	"	643		89.7	54.9-145			
Thallium	113	1.00	"	151		74.8	68.2-131.1			
Vanadium	116	1.00	"	150		77.3	70.7-129.3			
Zinc	258	1.00	"	338		76.2	71.9-127.8			



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70391 - EPA 3050B**

**Blank (BB70391-BLK1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

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 (BB70391-SRM1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

Aluminum	6950	5.00	mg/kg wet	8200	84.8	40-159.7					
Antimony	73.9	0.500	"	105	70.4	19.6-254.3					
Arsenic	174	1.00	"	221	78.6	71-133.5					
Barium	377	1.00	"	428	88.1	74.6-125.5					
Beryllium	86.3	0.100	"	112	77.0	75-125					
Cadmium	91.1	0.300	"	126	72.3	73.3-126.2	Low Bias				
Calcium	4670	5.00	"	6160	75.8	73.9-126.1					
Chromium	58.5	0.500	"	74.7	78.3	68.5-131.3					
Cobalt	165	0.500	"	198	83.3	74.7-125.8					
Copper	69.1	0.500	"	83.3	83.0	73.8-130.8					
Iron	13300	2.00	"	14600	91.1	36.1-163.7					
Lead	63.1	0.300	"	76.9	82.0	68.8-131.3					
Magnesium	2400	5.00	"	3180	75.5	66.9-133.3					
Manganese	350	0.500	"	452	77.4	76.5-123.5					
Nickel	137	0.500	"	178	77.0	73.6-128.7					
Potassium	2250	5.00	"	2820	79.8	62.1-137.9					
Selenium	85.0	1.00	"	111	76.6	65.7-134.2					
Silver	44.0	0.500	"	59.6	73.8	66.8-133.1					
Sodium	510	10.0	"	643	79.3	54.9-145					
Thallium	105	1.00	"	151	69.8	68.2-131.1					
Vanadium	116	1.00	"	150	77.0	70.7-129.3					
Zinc	245	1.00	"	338	72.5	71.9-127.8					



**Mercury by EPA 7000/200 Series Methods - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC		Flag	RPD	
		Limit		Level	Result	%REC	Limits		RPD	Limit
<b>Batch BB70353 - EPA 7473 soil</b>										
<b>Blank (BB70353-BLK1)</b>										Prepared & Analyzed: 02/08/2017
Mercury	ND	0.0300	mg/kg wet							
<b>Duplicate (BB70353-DUP1)</b> *Source sample: 17B0224-01 (SP-8 (14'-16'))										Prepared & Analyzed: 02/08/2017
Mercury	0.386	0.0367	mg/kg dry		0.302				24.4	35
<b>Matrix Spike (BB70353-MS1)</b> *Source sample: 17B0224-01 (SP-8 (14'-16'))										Prepared & Analyzed: 02/08/2017
Mercury	0.916		mg/kg	0.500	0.247	134	75-125	High Bias		
<b>Reference (BB70353-SRM1)</b>										Prepared & Analyzed: 02/08/2017
Mercury	16.105		mg/kg	13.8		117	51.4-168.8			



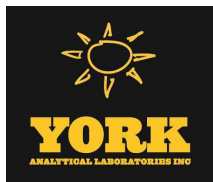
**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag			
		Limit								Limit						
<b>Batch BB70768 - Analysis Preparation Soil</b>																
<b>Blank (BB70768-BLK1)</b>											Prepared: 02/15/2017 Analyzed: 02/16/2017					
Cyanide, total	ND	0.500	mg/kg wet													
<b>Duplicate (BB70768-DUP1)</b>											*Source sample: 17B0224-01 (SP-8 (14'-16'))			Prepared: 02/15/2017 Analyzed: 02/16/2017		
Cyanide, total	ND	0.611	mg/kg dry		ND							15				
<b>Matrix Spike (BB70768-MS1)</b>											*Source sample: 17B0224-01 (SP-8 (14'-16'))			Prepared: 02/15/2017 Analyzed: 02/16/2017		
Cyanide, total	10.6	0.611	mg/kg dry	12.2	ND	86.5		79.6-107								
<b>Reference (BB70768-SRM1)</b>											Prepared: 02/15/2017 Analyzed: 02/16/2017					
Cyanide, total	51.5		ug/mL	53.9		95.5		37.5-163.7								



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0224-01	SP-8 (14'-16')	40mL Vial with Stir Bar-Cool 4° C
17B0224-02	SP-7 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0224-03	SP-7 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0224-04	SP-7 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
17B0224-05	SP-7 (12'-14')	40mL Vial with Stir Bar-Cool 4° C
17B0224-06	SP-7 (14'-16')	40mL Vial with Stir Bar-Cool 4° C
17B0224-07	SP-11 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0224-08	SP-11 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
17B0224-09	SP-11 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0224-10	SP-11 (8'-10')	40mL Vial with Stir Bar-Cool 4° C



## Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
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.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
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-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.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
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.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



**High Bias** High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

**Non-Dir.** Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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  
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(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

Page 1 of 1  
York Project No. 1750224

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.

<b>YOUR Information</b> Company: <u>HTE</u> Address: <u>15 Ocean Ave</u> <u>Brooklyn, NY</u> Phone No. <u>718-636-0800</u> Contact Person: <u>Archana Infante</u> <u>airborne sampling performing</u> <u>chemical analysis</u> E-Mail Address: _____		<b>Report To:</b> Company: <u>HTE</u> Address: <u>SAME</u> Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>HTE</u> Address: <u>SAME</u> Phone No. _____ Attention: <u>Myskina Ward</u> <u>MPD at high school</u> <u>600</u> E-Mail Address: _____		<b>YOUR Project ID</b> <u>150213: 498E135th</u> <u>Street, Bronx,</u> <b>Purchase Order No.</b> <u>1067</u> Samples from: <input checked="" type="checkbox"/> CT <input checked="" type="checkbox"/> NY <input checked="" type="checkbox"/> NJ		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard(5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/> Simple Excel <input type="checkbox"/> NYSDEC EQuIS <input type="checkbox"/> EQuIS (std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following: Regs. (please fill in): _____	
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**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

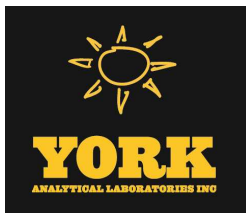
Matrix Codes  
 S - soil  
 Other - specify (oil, etc.)  
 WW - wastewater  
 GW - groundwater  
 DW - drinking water  
 Air-A - ambient air  
 Air-SV - soil vapor

Samples Collected/Authorized By (Signature)  
Komal Dixit  
 Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-8 (14'-16')	02/02 10:55	S	TCL VOCs via 8260; TCL SVOCs 8270;	48oz jar +
SP-7 (2'-4')	11:05	S	Pesticides via 8081; PCBs via 8082	tetracone
SP-7 (6'-8')	11:10	S	TAL Metals via 6010	
SP-7 (10'-12')	11:20	S	7471 Mercury	
SP-7 (12'-14')	11:25	S		
SP-7 (14'-16')	11:30	S		
SP-11 (2'-4')	12:00pm	S		
SP-11 (4'-6')	12:10pm	S		
SP-11 (6'-8')	12:15	S		
SP-11 (8'-10')	12:20	S		

<b>Comments</b> Preservation <input type="checkbox"/> 4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> Check those Applicable Special Instructions <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		<b>Temperature on Receipt</b> <u>4.3 °C</u>	
Samples Relinquished By <u>Archana Infante</u> Date/Time <u>2/6/19 3:25</u> Samples Relinquished By <u>Ray Tano</u> Date/Time <u>2/6/19 8:40</u> Samples Received in LAB by <u>Ray Tano</u> Date/Time <u>2/6/19 8:40</u>			





# Technical Report

prepared for:

## **Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue

Brooklyn NY, 11225

**Attention: AJ Infante**

Report Date: 02/17/2017

**Client Project ID: 150213: 198 E 135th Street, Bronx, NY**

York Project (SDG) No.: 17B0227

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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RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: AJ Infante

---

**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 06, 2017 and listed below. The project was identified as your project: **150213: 198 E 135th Street, Bronx, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17B0227-01	SP-9 (4'-6')	Soil	02/02/2017	02/06/2017
17B0227-02	SP-9 (6'-8')	Soil	02/02/2017	02/06/2017
17B0227-03	SP-9 (8'-10')	Soil	02/02/2017	02/06/2017
17B0227-04	SP-9 (10'-12')	Soil	02/02/2017	02/06/2017
17B0227-05	SP-9 (12'-14')	Soil	02/02/2017	02/06/2017
17B0227-06	SP-9 (14'-16')	Soil	02/02/2017	02/06/2017
17B0227-07	SP-8 (2'-4')	Soil	02/02/2017	02/06/2017
17B0227-08	SP-8 (6'-8')	Soil	02/02/2017	02/06/2017
17B0227-09	SP-8 (10'-12')	Soil	02/02/2017	02/06/2017
17B0227-10	SP-8 (12'-14')	Soil	02/02/2017	02/06/2017

**General Notes for York Project (SDG) No.: 17B0227**

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:** SP-9 (4'-6')

**York Sample ID:** 17B0227-01

**York Project (SDG) No.**  
17B0227

**Client Project ID**  
150213: 198 E 135th Street, Bronx, NY

**Matrix**  
Soil

**Collection Date/Time**  
February 2, 2017 9:25 am

**Date Received**  
02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
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	02/08/2017 15:54	02/08/2017 22:11	BK
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	02/08/2017 15:54	02/08/2017 22:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK



### Sample Information

**Client Sample ID:** SP-9 (4'-6')

**York Sample ID:** 17B0227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:25 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
67-64-1	Acetone	180	CCV-E	ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK



### Sample Information

**Client Sample ID:** SP-9 (4'-6')

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150213: 198 E 135th Street, Bronx, NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
91-20-3	<b>Naphthalene</b>	<b>34</b>	B	ug/kg dry	2.4	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/08/2017 22:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/08/2017 22:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 22:11	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 22:11	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.6 %
2037-26-5	Surrogate: Toluene-d8	101 %
460-00-4	Surrogate: p-Bromofluorobenzene	85.9 %

77-125

85-120

76-130

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	trimethyl silanol isomer	20	N	ug/kg dry			1	EPA 8260C	02/08/2017 15:54	02/08/2017 22:11	BK

Certifications:

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.10	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
83-32-9	<b>Acenaphthene</b>	<b>5070</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
208-96-8	<b>Acenaphthylene</b>	<b>101</b>		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
120-12-7	<b>Anthracene</b>	<b>7720</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>7060</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>5810</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>5440</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>402</b>		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>5370</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>131</b>		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
218-01-9	<b>Chrysene</b>	<b>7420</b>	J	ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>1020</b>		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
206-44-0	<b>Fluoranthene</b>	<b>12500</b>		ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
86-73-7	Fluorene	ND		ug/kg dry	4610	9200	200	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>2010</b>		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
78-59-1	Isophorone	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
85-01-8	<b>Phenanthrene</b>	<b>24600</b>		ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR
108-95-2	Phenol	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
129-00-0	<b>Pyrene</b>	<b>22600</b>		ug/kg dry	4610	9200	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:17	SR



### Sample Information

**Client Sample ID:** SP-9 (4'-6')

**York Sample ID:** 17B0227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:25 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:23	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	65.9 %			20-108						
4165-62-2	Surrogate: Phenol-d5	59.8 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	52.4 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	63.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	30.3 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	26.9 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:23	SR

**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	02/07/2017 07:11	02/10/2017 14:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 14:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	36.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA



### Sample Information

**Client Sample ID:** SP-9 (4'-6')

**York Sample ID:** 17B0227-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:25 am

02/06/2017

**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	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 14:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.10	9.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.1	92.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 14:22	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>				<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	31.3 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	15.9 %	GC-SC			30-150					
			u								

**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	02/07/2017 07:11	02/08/2017 19:59	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:59	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:59	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:59	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:59	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:59	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:59	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 19:59	SA



### Sample Information

**Client Sample ID:** SP-9 (4'-6')

**York Sample ID:** 17B0227-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:25 am

02/06/2017

**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
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %									
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %									

**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	9420		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-36-0	Antimony	ND		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-38-2	Arsenic	2.35		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-39-3	Barium	209		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-43-9	Cadmium	0.380		mg/kg dry	0.331	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-70-2	Calcium	32900		mg/kg dry	0.551	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-47-3	Chromium	26.7		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-48-4	Cobalt	9.42		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-50-8	Copper	92.4		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7439-89-6	Iron	15700		mg/kg dry	2.21	2.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7439-92-1	Lead	145		mg/kg dry	0.331	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7439-95-4	Magnesium	6440		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7439-96-5	Manganese	276		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-02-0	Nickel	21.5		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-09-7	Potassium	3290		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV



### Sample Information

**Client Sample ID:** SP-9 (4'-6')

**York Sample ID:** 17B0227-01

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:25 am	<u>Date Received</u> 02/06/2017
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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	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-23-5	Sodium	503		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-62-2	Vanadium	31.0		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	KV
7440-66-6	Zinc	159		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:54	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	0.269		mg/kg dry	0.0331	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 16:37	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	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	0.551	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 17:36	02/16/2017 22:37	DM1

### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:30 am	<u>Date Received</u> 02/06/2017
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### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK



### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
67-64-1	Acetone	11		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK



### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 13:50	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 13:50	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 13:50	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 13:50	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.5 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:30 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	isopropylureidoacid isomer	4.4	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 13:50	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>154</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR



### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
83-32-9	<b>Acenaphthene</b>	<b>347</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
120-12-7	<b>Anthracene</b>	<b>892</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>1110</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>438</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>665</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>179</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>562</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>144</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
218-01-9	<b>Chrysene</b>	<b>1130</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	125		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
206-44-0	Fluoranthene	2180		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
86-73-7	Fluorene	306		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	221		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
78-59-1	Isophorone	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
91-20-3	Naphthalene	308		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
85-01-8	Phenanthrene	2930		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
108-95-2	Phenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
129-00-0	Pyrene	4330		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR



### Sample Information

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 13:54	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	51.9 %			20-108						
4165-62-2	Surrogate: Phenol-d5	42.6 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	40.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	41.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	48.1 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 13:54	SR

**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	3.80		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
72-55-9	4,4'-DDE	8.63		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
50-29-3	4,4'-DDT	24.4		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 16:43	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.2	35.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 16:43	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.81	8.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.1	89.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 16:43	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>				<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	38.8 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	53.9 %				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	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:16	SA



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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	0.0178	0.0178	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 20:16	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	62.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %	30-140								

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>1400</b>		mg/kg dry	5.34	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-36-0	Antimony	ND		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-38-2	<b>Arsenic</b>	<b>2.24</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-39-3	<b>Barium</b>	<b>81.1</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-43-9	<b>Cadmium</b>	<b>0.382</b>		mg/kg dry	0.320	0.320	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-70-2	<b>Calcium</b>	<b>23400</b>		mg/kg dry	0.534	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-47-3	<b>Chromium</b>	<b>5.22</b>		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-48-4	<b>Cobalt</b>	<b>2.98</b>		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-50-8	<b>Copper</b>	<b>34.6</b>		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7439-89-6	<b>Iron</b>	<b>11600</b>		mg/kg dry	2.13	2.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7439-92-1	<b>Lead</b>	<b>94.2</b>		mg/kg dry	0.320	0.320	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7439-95-4	<b>Magnesium</b>	<b>11700</b>		mg/kg dry	5.34	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7439-96-5	<b>Manganese</b>	<b>167</b>		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-02-0	<b>Nickel</b>	<b>14.7</b>		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-09-7	<b>Potassium</b>	<b>277</b>		mg/kg dry	5.34	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV



### Sample Information

**Client Sample ID:** SP-9 (6'-8')

**York Sample ID:** 17B0227-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:30 am

02/06/2017

**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	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-22-4	Silver	ND		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-23-5	<b>Sodium</b>	<b>108</b>		mg/kg dry	10.7	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-62-2	<b>Vanadium</b>	<b>33.3</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	KV
7440-66-6	<b>Zinc</b>	<b>418</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 01:59	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	<b>Mercury</b>	<b>0.181</b>		mg/kg dry	0.0320	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 17:52	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	<b>* % Solids</b>	<b>93.7</b>		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	0.534	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 17:36	02/16/2017 22:37	DM1

### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017



### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK





### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	13		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
67-64-1	Acetone	82	CCV-E	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK



### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/08/2017 23:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/08/2017 23:10	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:10	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:10	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	86.9 %			77-125						
2037-26-5	Surrogate: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	83.2 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



**Sample Information**

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Hexane isomer	11	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:10	BK
NA	methyl Cyclopentane isomer	7.3	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:10	BK
NA	methyl Heptane isomer	11	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:10	BK
NA	methyl hexane isomers	22	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:10	BK
NA	methyl Pentane isomer	11	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:10	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR



### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
91-94-1	3,3-Dichlorobenzidine	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND	IS-01	ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
83-32-9	Acenaphthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
120-12-7	Anthracene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
56-55-3	Benzo(a)anthracene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
50-32-8	Benzo(a)pyrene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
205-99-2	Benzo(b)fluoranthene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
207-08-9	Benzo(k)fluoranthene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
85-68-7	Benzyl butyl phthalate	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR



### Sample Information

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
218-01-9	Chrysene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
84-74-2	Di-n-butyl phthalate	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
117-84-0	Di-n-octyl phthalate	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
206-44-0	Fluoranthene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
86-73-7	Fluorene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
118-74-1	Hexachlorobenzene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
86-30-6	N-Nitrosodiphenylamine	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR



### Sample Information

**Client Sample ID:** SP-9 (8'-10')

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150213: 198 E 135th Street, Bronx, NY

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
85-01-8	Phenanthrene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
108-95-2	Phenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
129-00-0	Pyrene	ND	IS-01	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
110-86-1	Pyridine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 21:56	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	67.7 %			20-108						
4165-62-2	Surrogate: Phenol-d5	56.2 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	55.4 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	59.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	82.8 %	IS-01		19-110						
1718-51-0	Surrogate: Terphenyl-d14	60.8 %	IS-01		24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/13/2017 21:56	SR

**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	02/07/2017 07:11	02/08/2017 21:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 21:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	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
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 21:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.44	9.44	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:59	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	41.4 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %	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	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA



### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017

**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	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:32	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 20:32	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %	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	<b>Aluminum</b>	<b>5430</b>		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-39-3	<b>Barium</b>	<b>36.4</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-70-2	<b>Calcium</b>	<b>8990</b>		mg/kg dry	0.572	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-47-3	<b>Chromium</b>	<b>20.8</b>		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-48-4	<b>Cobalt</b>	<b>54.4</b>		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-50-8	<b>Copper</b>	<b>24.8</b>		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7439-89-6	<b>Iron</b>	<b>156000</b>		mg/kg dry	2290	2290	1000	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/09/2017 01:14	KV
7439-92-1	<b>Lead</b>	<b>14.2</b>		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7439-95-4	<b>Magnesium</b>	<b>1120</b>		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7439-96-5	<b>Manganese</b>	<b>1030</b>		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV





### Sample Information

**Client Sample ID:** SP-9 (8'-10')

**York Sample ID:** 17B0227-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:40 am

02/06/2017

**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
7440-02-0	Nickel	58.0		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-09-7	Potassium	333		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7782-49-2	Selenium	11.9		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-23-5	Sodium	187		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-62-2	Vanadium	100		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	KV
7440-66-6	Zinc	24.3		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:17	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	0.0448		mg/kg dry	0.0343	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 18:01	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	87.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.572	0.572	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 17:36	02/16/2017 22:37	DM1



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	79	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
67-64-1	Acetone	40	CCV-E	ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/08/2017 23:40	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/08/2017 23:40	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/08/2017 23:40	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/08/2017 23:40	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.4 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	86.5 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:45 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	butane isomer	26	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:40	BK
NA	Butene isomer	4.5	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:40	BK
NA	isobutane isomer	11	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:40	BK
NA	Methyl Hexane isomer	3.9	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:40	BK
NA	methyl propanol isomer	6.0	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/08/2017 23:40	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>1310</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

York Project (SDG) No.

Client Project ID

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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
83-32-9	<b>Acenaphthene</b>	<b>2810</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
208-96-8	<b>Acenaphthylene</b>	<b>85.9</b>	J	ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
62-53-3	Aniline	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
120-12-7	<b>Anthracene</b>	<b>4740</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>5060</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>2740</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>3740</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>607</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>3630</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

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York Project (SDG) No.

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150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
218-01-9	<b>Chrysene</b>	<b>5010</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>418</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
132-64-9	<b>Dibenzofuran</b>	<b>1590</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
206-44-0	<b>Fluoranthene</b>	<b>14700</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
86-73-7	<b>Fluorene</b>	<b>2530</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>769</b>		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
78-59-1	Isophorone	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
91-20-3	<b>Naphthalene</b>	<b>4260</b>		ug/kg dry	234	467	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 18:48	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
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	02/10/2017 06:59	02/10/2017 18:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
85-01-8	<b>Phenanthrene</b>	<b>17600</b>		ug/kg dry	585	1170	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 15:20	SR
108-95-2	Phenol	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR
129-00-0	<b>Pyrene</b>	<b>18600</b>		ug/kg dry	585	1170	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 15:20	SR
110-86-1	Pyridine	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 18:40	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	63.5 %			20-108
4165-62-2	Surrogate: Phenol-d5	53.6 %			23-114
4165-60-0	Surrogate: Nitrobenzene-d5	47.4 %			22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	54.5 %			21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.8 %			19-110
1718-51-0	Surrogate: Terphenyl-d14	51.4 %			24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 18:40	SR

**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	02/07/2017 07:11	02/10/2017 15:17	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
50-29-3	<b>4,4'-DDT</b>	<b>3.22</b>		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 15:17	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA





### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**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
57-74-9	Chlordane, total	ND		ug/kg dry	37.0	37.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 15:17	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.24	9.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.5	93.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:17	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	55.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.6 %	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	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**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
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 20:49	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 20:49	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %			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	<b>Aluminum</b>	<b>9970</b>		mg/kg dry	5.60	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-36-0	Antimony	ND		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-39-3	<b>Barium</b>	<b>133</b>		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.336	0.336	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-70-2	<b>Calcium</b>	<b>25000</b>		mg/kg dry	0.560	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-47-3	<b>Chromium</b>	<b>30.3</b>		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-48-4	<b>Cobalt</b>	<b>18.4</b>		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-50-8	<b>Copper</b>	<b>70.2</b>		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7439-89-6	<b>Iron</b>	<b>27500</b>		mg/kg dry	224	224	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/09/2017 01:19	KV
7439-92-1	<b>Lead</b>	<b>69.0</b>		mg/kg dry	0.336	0.336	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7439-95-4	<b>Magnesium</b>	<b>8060</b>		mg/kg dry	5.60	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV



### Sample Information

**Client Sample ID:** SP-9 (10'-12')

**York Sample ID:** 17B0227-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:45 am

02/06/2017

**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	415		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-02-0	Nickel	28.6		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-09-7	Potassium	2690		mg/kg dry	5.60	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7782-49-2	Selenium	4.33		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-22-4	Silver	ND		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-23-5	Sodium	517		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-62-2	Vanadium	42.5		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	KV
7440-66-6	Zinc	88.6		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:24	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	0.111		mg/kg dry	0.0336	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 18:10	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	89.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	0.560	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 17:36	02/16/2017 22:37	DM1



Sample Information

Client Sample ID: SP-9 (12'-14')

York Sample ID: 17B0227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:50 am

02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc., with their respective results and analysis details.



### Sample Information

**Client Sample ID:** SP-9 (12'-14')

**York Sample ID:** 17B0227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:50 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	27		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
67-64-1	Acetone	230	CCV-E	ug/kg dry	9.7	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
71-43-2	Benzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
108-86-1	Bromobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-25-2	Bromoform	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
67-66-3	Chloroform	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK



### Sample Information

**Client Sample ID:** SP-9 (12'-14')

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17B0227

150213: 198 E 135th Street, Bronx, NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-09-2	Methylene chloride	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
91-20-3	Naphthalene	ND		ug/kg dry	4.8	19	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 00:09	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 00:09	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
100-42-5	Styrene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
108-88-3	Toluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:09	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	29	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:09	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 00:09	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	99.9	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.9	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.9	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR



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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	99.9	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.9	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	99.9	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
83-32-9	Acenaphthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
62-53-3	Aniline	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
120-12-7	Anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
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	02/10/2017 06:59	02/13/2017 22:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
218-01-9	Chrysene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
206-44-0	Fluoranthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
86-73-7	Fluorene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
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	02/10/2017 06:59	02/13/2017 22:27	SR
78-59-1	Isophorone	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
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	02/10/2017 06:59	02/13/2017 22:27	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
108-95-2	Phenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
129-00-0	Pyrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR



### Sample Information

**Client Sample ID:** SP-9 (12'-14')

**York Sample ID:** 17B0227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:50 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:27	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	104 %			20-108						
4165-62-2	Surrogate: Phenol-d5	80.2 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	75.4 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	83.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	126 %	S-08		19-110						
1718-51-0	Surrogate: Terphenyl-d14	153 %	S-08		24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/13/2017 22:27	SR

**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	02/07/2017 07:11	02/08/2017 22:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.5	39.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA



### Sample Information

**Client Sample ID:** SP-9 (12'-14')

**York Sample ID:** 17B0227-05

**York Project (SDG) No.**

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**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:50 am

02/06/2017

**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	02/07/2017 07:11	02/08/2017 22:14	SA
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.88	9.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:14	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	37.2 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	40.3 %	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	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:05	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 21:05	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



### Sample Information

**Client Sample ID:** SP-9 (12'-14')

**York Sample ID:** 17B0227-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:50 am

02/06/2017

**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	49.0 %			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	<b>Aluminum</b>	<b>4850</b>		mg/kg dry	5.99	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-36-0	Antimony	ND		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-39-3	<b>Barium</b>	<b>12.5</b>		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-41-7	<b>Beryllium</b>	<b>0.133</b>		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.359	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-70-2	<b>Calcium</b>	<b>477</b>		mg/kg dry	0.599	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-47-3	<b>Chromium</b>	<b>8.77</b>		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-48-4	<b>Cobalt</b>	<b>3.06</b>		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-50-8	<b>Copper</b>	<b>5.83</b>		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7439-89-6	<b>Iron</b>	<b>8810</b>		mg/kg dry	2.40	2.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7439-92-1	<b>Lead</b>	<b>5.04</b>		mg/kg dry	0.359	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7439-95-4	<b>Magnesium</b>	<b>1800</b>		mg/kg dry	5.99	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7439-96-5	<b>Manganese</b>	<b>66.6</b>		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-02-0	<b>Nickel</b>	<b>8.43</b>		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-09-7	<b>Potassium</b>	<b>756</b>		mg/kg dry	5.99	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7782-49-2	Selenium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-22-4	Silver	ND		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV



### Sample Information

**Client Sample ID:** SP-9 (12'-14')

**York Sample ID:** 17B0227-05

York Project (SDG) No.

Client Project ID

Matrix

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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:50 am

02/06/2017

**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	126		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-62-2	Vanadium	11.8		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	KV
7440-66-6	Zinc	17.8		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:29	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	0.0359	0.0359	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 18:19	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	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.599	0.599	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 17:36	02/16/2017 22:37	DM1

### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:55 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:55 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
78-93-3	<b>2-Butanone</b>	<b>9.8</b>		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:55 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
67-64-1	<b>Acetone</b>	<b>53</b>	CCV-E	ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 00:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 00:39	BK



Sample Information

Client Sample ID: SP-9 (14'-16')

York Sample ID: 17B0227-06

York Project (SDG) No.

Client Project ID

Matrix

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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:55 am

02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains data for various organic compounds like Methylene chloride, Naphthalene, etc.

Surrogate Recoveries

Result

Acceptance Range

Table with 3 columns: Surrogate, Result, Acceptance Range. Includes entries for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains contact information for York Analytical Laboratories.





### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:55 am	<u>Date Received</u> 02/06/2017
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Tentatively Identified Compounds	0.0	ug/kg dry	1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 00:39	BK
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

York Project (SDG) No.

Client Project ID

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17B0227

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
83-32-9	Acenaphthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
62-53-3	Aniline	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
120-12-7	Anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
218-01-9	Chrysene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

York Project (SDG) No.

Client Project ID

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17B0227

150213: 198 E 135th Street, Bronx, NY

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February 2, 2017 9:55 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
206-44-0	Fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
86-73-7	Fluorene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
78-59-1	Isophorone	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
108-95-2	Phenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
129-00-0	Pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
110-86-1	Pyridine	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 22:59	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	84.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	64.0 %			23-114						



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	62.6 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	64.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	98.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	143 %	S-08		24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/13/2017 22:59	SR

**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	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
309-00-2	Aldrin	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:28	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.1	40.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
72-20-8	Endrin	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

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02/06/2017

**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	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:28	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:28	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	45.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	51.6 %	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	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:22	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	0.0203	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 21:22	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	62.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %	30-140								



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

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02/06/2017

**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
7429-90-5	Aluminum	9510		mg/kg dry	6.08	6.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-36-0	Antimony	ND		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-38-2	Arsenic	2.68		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-39-3	Barium	30.2		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-41-7	Beryllium	0.277		mg/kg dry	0.122	0.122	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.365	0.365	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-70-2	Calcium	972		mg/kg dry	0.608	6.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-47-3	Chromium	17.9		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-48-4	Cobalt	10.1		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-50-8	Copper	22.2		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7439-89-6	Iron	18300		mg/kg dry	2.43	2.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7439-92-1	Lead	23.7		mg/kg dry	0.365	0.365	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7439-95-4	Magnesium	5560		mg/kg dry	6.08	6.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7439-96-5	Manganese	376		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-02-0	Nickel	18.6		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-09-7	Potassium	1870		mg/kg dry	6.08	6.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7782-49-2	Selenium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-22-4	Silver	ND		mg/kg dry	0.608	0.608	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-23-5	Sodium	283		mg/kg dry	12.2	12.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-62-2	Vanadium	22.8		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV
7440-66-6	Zinc	43.5		mg/kg dry	1.22	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:34	KV



### Sample Information

**Client Sample ID:** SP-9 (14'-16')

**York Sample ID:** 17B0227-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:55 am

02/06/2017

**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	0.0365	0.0365	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 18:28	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	82.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.608	0.608	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 17:36	02/16/2017 22:37	DM1

### Sample Information

**Client Sample ID:** SP-8 (2'-4')

**York Sample ID:** 17B0227-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:30 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK



### Sample Information

**Client Sample ID:** SP-8 (2'-4')

**York Sample ID:** 17B0227-07

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

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February 2, 2017 10:30 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
67-64-1	<b>Acetone</b>	<b>38</b>	CCV-E	ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK





### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 01:08	BK



### Sample Information

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17B0227

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 01:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	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	02/08/2017 15:54	02/09/2017 01:08	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:08	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:08	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	83.3 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 01:08	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

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

**Client Sample ID:** SP-8 (2'-4')

**York Sample ID:** 17B0227-07

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>2970</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
83-32-9	<b>Acenaphthene</b>	<b>10600</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
208-96-8	<b>Acenaphthylene</b>	<b>238</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
62-53-3	Aniline	ND		ug/kg dry	193	385	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
120-12-7	<b>Anthracene</b>	<b>13200</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>18400</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>15400</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>10800</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>2570</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>12900</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
218-01-9	<b>Chrysene</b>	<b>19500</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
53-70-3	<b>Dibenzo(a,b)anthracene</b>	<b>1720</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
132-64-9	<b>Dibenzofuran</b>	<b>3970</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR



### Sample Information

**Client Sample ID:** SP-8 (2'-4')

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17B0227

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
206-44-0	<b>Fluoranthene</b>	<b>23600</b>		ug/kg dry	2410	4810	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 14:49	SR
86-73-7	<b>Fluorene</b>	<b>6590</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>7470</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
78-59-1	Isophorone	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
91-20-3	<b>Naphthalene</b>	<b>6420</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 19:19	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
85-01-8	<b>Phenanthrene</b>	<b>42800</b>		ug/kg dry	2410	4810	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 14:49	SR
108-95-2	Phenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
129-00-0	<b>Pyrene</b>	<b>45900</b>		ug/kg dry	2410	4810	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 14:49	SR
110-86-1	Pyridine	ND		ug/kg dry	193	385	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/10/2017 20:14	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: 2-Fluorophenol	55.2 %		20-108							
4165-62-2	Surrogate: Phenol-d5	45.4 %		23-114							



### Sample Information

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02/06/2017

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	40.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.8 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	25.0 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/10/2017 20:14	SR

**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	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
50-29-3	<b>4,4'-DDT</b>	<b>12.6</b>		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
5103-71-9	<b>alpha-Chlordane</b>	<b>3.44</b>		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 15:31	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.1	38.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
60-57-1	<b>Dieldrin</b>	<b>14.8</b>		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
5566-34-7	<b>gamma-Chlordane</b>	<b>3.20</b>		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/10/2017 15:31	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.52	9.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
8001-35-2	Toxaphene	ND		ug/kg dry	96.3	96.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/10/2017 15:31	SA
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	37.8 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	27.9 %	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	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
11096-82-5	<b>Aroclor 1260</b>	<b>0.0286</b>		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:34	SA
1336-36-3	<b>* Total PCBs</b>	<b>0.0286</b>		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 23:34	SA
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %		30-140							



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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
7429-90-5	Aluminum	6600		mg/kg dry	5.77	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-36-0	Antimony	ND		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-38-2	Arsenic	2.68		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-39-3	Barium	420		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-41-7	Beryllium	0.184		mg/kg dry	0.115	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-43-9	Cadmium	0.524		mg/kg dry	0.346	0.346	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-70-2	Calcium	27700		mg/kg dry	0.577	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-47-3	Chromium	19.6		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-48-4	Cobalt	6.45		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-50-8	Copper	83.8		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7439-89-6	Iron	15000		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7439-92-1	Lead	297		mg/kg dry	0.346	0.346	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7439-95-4	Magnesium	4830		mg/kg dry	5.77	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7439-96-5	Manganese	242		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-02-0	Nickel	26.6		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-09-7	Potassium	1120		mg/kg dry	5.77	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-22-4	Silver	ND		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-23-5	Sodium	253		mg/kg dry	11.5	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV
7440-62-2	Vanadium	49.5		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:39	KV





### Sample Information

**Client Sample ID:** SP-8 (2'-4')

**York Sample ID:** 17B0227-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:30 am

02/06/2017

**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
7440-66-6	Zinc	358		mg/kg dry	1.15	1.15	1	EPA 6010C	02/07/2017 11:01	02/08/2017 02:39	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	0.557		mg/kg dry	0.0346	0.0346	1	EPA 7473	02/08/2017 06:17	02/08/2017 18:37	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	86.7		%	0.100	0.100	1	SM 2540G	02/10/2017 10:04	02/10/2017 13:45	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.577	0.577	1	EPA 9014/9010C	02/16/2017 17:36	02/16/2017 22:37	DM1
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		

### Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/08/2017 15:54	02/09/2017 01:38	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	02/08/2017 15:54	02/09/2017 01:38	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		



## Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	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	02/08/2017 15:54	02/09/2017 01:38	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	02/08/2017 15:54	02/09/2017 01:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	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	02/08/2017 15:54	02/09/2017 01:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK



### Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
67-64-1	Acetone	28	CCV-E	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	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	02/08/2017 15:54	02/09/2017 01:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	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	02/08/2017 15:54	02/09/2017 01:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK



### Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:40 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 01:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 01:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	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	02/08/2017 15:54	02/09/2017 01:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 01:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 01:38	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %
2037-26-5	Surrogate: Toluene-d8	101 %
460-00-4	Surrogate: p-Bromofluorobenzene	83.6 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

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February 2, 2017 10:40 am

02/06/2017

**Volatiles Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 01:38	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR



### Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

York Project (SDG) No.

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
83-32-9	<b>Acenaphthene</b>	<b>112</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
62-53-3	Aniline	ND		ug/kg dry	182	363	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
120-12-7	<b>Anthracene</b>	<b>173</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>274</b>	CCV-E	ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>228</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>167</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>117</b>	CCV-E	ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>213</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR



### Sample Information

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	<b>Chrysene</b>	<b>292</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>75.4</b>	J	ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
206-44-0	<b>Fluoranthene</b>	<b>520</b>	CCV-E	ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
86-73-7	<b>Fluorene</b>	<b>78.3</b>	J	ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>125</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
78-59-1	Isophorone	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
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	02/10/2017 06:59	02/13/2017 23:31	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
85-01-8	<b>Phenanthrene</b>	<b>658</b>		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
108-95-2	Phenol	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR



### Sample Information

**Client Sample ID:** SP-8 (6'-8')

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	1130		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
110-86-1	Pyridine	ND		ug/kg dry	182	363	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/13/2017 23:31	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	77.4 %			20-108						
4165-62-2	Surrogate: Phenol-d5	59.6 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	54.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.7 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	81.0 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	76.2 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/13/2017 23:31	SR

**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	02/07/2017 07:11	02/08/2017 22:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.9	35.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	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
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.97	8.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	90.8	90.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:44	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	43.9 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	41.9 %			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	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA



### Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:40 am

02/06/2017

**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	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:51	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 23:51	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	52.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	55.0 %			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	20900		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-36-0	Antimony	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-39-3	Barium	321		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-70-2	Calcium	5950		mg/kg dry	0.544	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-47-3	Chromium	45.8		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-48-4	Cobalt	15.6		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-50-8	Copper	46.8		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7439-89-6	Iron	31900		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7439-92-1	Lead	156		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7439-95-4	Magnesium	9860		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7439-96-5	Manganese	282		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-02-0	Nickel	27.1		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV



### Sample Information

**Client Sample ID:** SP-8 (6'-8')

**York Sample ID:** 17B0227-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:40 am

02/06/2017

**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	9670		mg/kg dry	544	544	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/09/2017 01:25	KV
7782-49-2	Selenium	2.17		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-22-4	Silver	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-23-5	Sodium	428		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-62-2	Vanadium	64.2		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	KV
7440-66-6	Zinc	103		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:44	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	0.0371		mg/kg dry	0.0326	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 18:49	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	91.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	0.544	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1



### Sample Information

**Client Sample ID:** SP-8 (10'-12')

**York Sample ID:** 17B0227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	83	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK



### Sample Information

**Client Sample ID:** SP-8 (10'-12')

**York Sample ID:** 17B0227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:45 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
67-64-1	Acetone	56	CCV-E	ug/kg dry	4.1	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK



### Sample Information

**Client Sample ID:** SP-8 (10'-12')

**York Sample ID:** 17B0227-09

York Project (SDG) No.

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 02:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 15:54	02/09/2017 02:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 15:54	02/09/2017 02:08	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 15:54	02/09/2017 02:08	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	98.9 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	82.9 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 15:54	02/09/2017 02:08	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
83-32-9	Acenaphthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
120-12-7	Anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
218-01-9	<b>Chrysene</b>	<b>51.9</b>	<b>J</b>	ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
206-44-0	<b>Fluoranthene</b>	<b>54.1</b>	J, CCV-E	ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
86-73-7	Fluorene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
78-59-1	Isophorone	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
85-01-8	<b>Phenanthrene</b>	<b>61.2</b>	J	ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
108-95-2	Phenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
129-00-0	<b>Pyrene</b>	<b>108</b>		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR



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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:45 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:04	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	81.1 %			20-108						
4165-62-2	Surrogate: Phenol-d5	57.2 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	50.0 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	59.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	84.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	62.1 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/14/2017 00:04	SR

**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	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.2	35.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA



### Sample Information

**Client Sample ID:** SP-8 (10'-12')

**York Sample ID:** 17B0227-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:45 am

02/06/2017

**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	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 22:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.80	8.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.1	89.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 22:59	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	48.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %	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	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:07	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications:	02/07/2017 07:11	02/09/2017 00:07	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



### Sample Information

**Client Sample ID:** SP-8 (10'-12')

**York Sample ID:** 17B0227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:45 am

02/06/2017

**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	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	11600		mg/kg dry	5.34	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-36-0	Antimony	ND		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-39-3	Barium	254		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-43-9	Cadmium	0.402		mg/kg dry	0.320	0.320	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-70-2	Calcium	28200		mg/kg dry	0.534	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-47-3	Chromium	45.4		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-48-4	Cobalt	12.5		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-50-8	Copper	23.6		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7439-89-6	Iron	18600		mg/kg dry	2.13	2.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7439-92-1	Lead	54.8		mg/kg dry	0.320	0.320	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7439-95-4	Magnesium	17000		mg/kg dry	5.34	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7439-96-5	Manganese	232		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-02-0	Nickel	41.4		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-09-7	Potassium	6250		mg/kg dry	5.34	5.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7782-49-2	Selenium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-22-4	Silver	ND		mg/kg dry	0.534	0.534	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV



### Sample Information

**Client Sample ID:** SP-8 (10'-12')

**York Sample ID:** 17B0227-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:45 am

02/06/2017

**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	339		mg/kg dry	10.7	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-62-2	Vanadium	50.6		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	KV
7440-66-6	Zinc	99.3		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:48	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	0.0576		mg/kg dry	0.0320	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:17	02/08/2017 18:58	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	93.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:06	02/10/2017 13:51	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	0.534	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 14:18	02/16/2017 14:57	DM1

### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 10:50 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	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	02/10/2017 08:30	02/10/2017 14:22	BK
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	02/10/2017 08:30	02/10/2017 14:22	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	02/10/2017 08:30	02/10/2017 14:22	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	02/10/2017 08:30	02/10/2017 14:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	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	02/10/2017 08:30	02/10/2017 14:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
78-93-3	<b>2-Butanone</b>	<b>4.1</b>	J	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

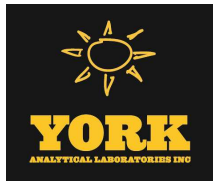
**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
67-64-1	<b>Acetone</b>	<b>22</b>		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	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	02/10/2017 08:30	02/10/2017 14:22	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 14:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 14:22	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	02/10/2017 08:30	02/10/2017 14:22	BK



Sample Information

Client Sample ID: SP-8 (12'-14')

York Sample ID: 17B0227-10

York Project (SDG) No. 17B0227 Client Project ID 150213: 198 E 135th Street, Bronx, NY Matrix Soil Collection Date/Time February 2, 2017 10:50 am Date Received 02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Methylene chloride, Naphthalene, n-Butylbenzene, n-Propylbenzene, o-Xylene, p- & m- Xylenes, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane, Vinyl acetate, Vinyl Chloride, Xylenes, Total.

Table with columns: Surrogate Recoveries, Result, Acceptance Range. Rows include Surrogate: 1,2-Dichloroethane-d4 (94.5%, 77-125), Surrogate: Toluene-d8 (96.1%, 85-120), Surrogate: p-Bromofluorobenzene (117%, 76-130).

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes 120 RESEARCH DRIVE, STRATFORD, CT 06615, www.YORKLAB.com, (203) 325-1371, 132-02 89th AVENUE, RICHMOND HILL, NY 11418, FAX (203) 357-0166, ClientServices@.





### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

<u>York Project (SDG) No.</u> 17B0227	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 10:50 am	<u>Date Received</u> 02/06/2017
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NA	<b>Hexane isomer</b>	<b>6.2</b>	N	ug/kg dry	1	EPA 8260C	02/10/2017 08:30	02/10/2017 14:22	BK
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Certifications:

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>76.1</b>	J	ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
83-32-9	Acenaphthene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
62-53-3	Aniline	ND		ug/kg dry	214	428	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
120-12-7	<b>Anthracene</b>	<b>113</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>249</b>	CCV-E	ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>221</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>221</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>115</b>	CCV-E	ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>242</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>144</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
218-01-9	<b>Chrysene</b>	<b>293</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>59.8</b>	J	ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
206-44-0	<b>Fluoranthene</b>	<b>418</b>	CCV-E	ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
86-73-7	Fluorene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>110</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
78-59-1	Isophorone	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
91-20-3	<b>Naphthalene</b>	<b>63.3</b>	J	ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
85-01-8	<b>Phenanthrene</b>	<b>386</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
108-95-2	Phenol	ND		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
129-00-0	<b>Pyrene</b>	<b>722</b>		ug/kg dry	53.6	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
110-86-1	Pyridine	ND		ug/kg dry	214	428	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:59	02/14/2017 00:36	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	72.5 %			20-108						



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	Surrogate: Phenol-d5	56.3 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	49.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	62.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	90.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	65.7 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 06:59	02/14/2017 00:36	SR

**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	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
309-00-2	Aldrin	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 23:14	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
57-74-9	Chlordane, total	ND		ug/kg dry	42.3	42.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
72-20-8	Endrin	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**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	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 23:14	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.12	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
8001-35-2	Toxaphene	ND		ug/kg dry	107	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 23:14	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	40.2 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	43.9 %	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	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/09/2017 00:23	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0214	0.0214	1	EPA 8082A Certifications:	02/07/2017 07:11	02/09/2017 00:23	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %	30-140								



## Sample Information

**Client Sample ID:** SP-8 (12'-14')

**York Sample ID:** 17B0227-10

York Project (SDG) No.

Client Project ID

Matrix

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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**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
7429-90-5	<b>Aluminum</b>	<b>4150</b>		mg/kg dry	6.41	6.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-36-0	Antimony	ND		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-38-2	<b>Arsenic</b>	<b>3.46</b>		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-39-3	<b>Barium</b>	<b>122</b>		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.128	0.128	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-43-9	<b>Cadmium</b>	<b>0.523</b>		mg/kg dry	0.385	0.385	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-70-2	<b>Calcium</b>	<b>16600</b>		mg/kg dry	0.641	6.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-47-3	<b>Chromium</b>	<b>9.48</b>		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-48-4	<b>Cobalt</b>	<b>4.02</b>		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-50-8	<b>Copper</b>	<b>26.6</b>		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7439-89-6	<b>Iron</b>	<b>8280</b>		mg/kg dry	2.56	2.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7439-92-1	<b>Lead</b>	<b>127</b>		mg/kg dry	0.385	0.385	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7439-95-4	<b>Magnesium</b>	<b>8890</b>		mg/kg dry	6.41	6.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7439-96-5	<b>Manganese</b>	<b>156</b>		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-02-0	<b>Nickel</b>	<b>13.2</b>		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-09-7	<b>Potassium</b>	<b>891</b>		mg/kg dry	6.41	6.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7782-49-2	Selenium	ND		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-22-4	Silver	ND		mg/kg dry	0.641	0.641	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-23-5	<b>Sodium</b>	<b>281</b>		mg/kg dry	12.8	12.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-28-0	Thallium	ND		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-62-2	<b>Vanadium</b>	<b>18.4</b>		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV
7440-66-6	<b>Zinc</b>	<b>104</b>		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:01	02/08/2017 02:53	KV



### Sample Information

**Client Sample ID:** SP-8 (12'-14')

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York Project (SDG) No.

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17B0227

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 10:50 am

02/06/2017

**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	0.200		mg/kg dry	0.0385	0.0385	1	EPA 7473	02/08/2017 06:17	02/08/2017 19:06	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	78.0		%	0.100	0.100	1	SM 2540G	02/10/2017 10:06	02/10/2017 13:51	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.641	0.641	1	EPA 9014/9010C	02/15/2017 14:18	02/16/2017 14:57	DM1
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		



## Analytical Batch Summary

**Batch ID:** BB70292

**Preparation Method:** EPA 3550C

**Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/07/17
17B0227-01	SP-9 (4'-6')	02/07/17
17B0227-02	SP-9 (6'-8')	02/07/17
17B0227-02	SP-9 (6'-8')	02/07/17
17B0227-03	SP-9 (8'-10')	02/07/17
17B0227-03	SP-9 (8'-10')	02/07/17
17B0227-04	SP-9 (10'-12')	02/07/17
17B0227-04	SP-9 (10'-12')	02/07/17
17B0227-05	SP-9 (12'-14')	02/07/17
17B0227-05	SP-9 (12'-14')	02/07/17
17B0227-06	SP-9 (14'-16')	02/07/17
17B0227-06	SP-9 (14'-16')	02/07/17
17B0227-07	SP-8 (2'-4')	02/07/17
17B0227-07	SP-8 (2'-4')	02/07/17
17B0227-08	SP-8 (6'-8')	02/07/17
17B0227-08	SP-8 (6'-8')	02/07/17
17B0227-09	SP-8 (10'-12')	02/07/17
17B0227-09	SP-8 (10'-12')	02/07/17
17B0227-10	SP-8 (12'-14')	02/07/17
17B0227-10	SP-8 (12'-14')	02/07/17
BB70292-BLK1	Blank	02/07/17
BB70292-BLK2	Blank	02/07/17
BB70292-BS1	LCS	02/07/17
BB70292-BS2	LCS	02/07/17

**Batch ID:** BB70328

**Preparation Method:** EPA 3050B

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/07/17
17B0227-02	SP-9 (6'-8')	02/07/17
17B0227-03	SP-9 (8'-10')	02/07/17
17B0227-04	SP-9 (10'-12')	02/07/17
17B0227-05	SP-9 (12'-14')	02/07/17
17B0227-06	SP-9 (14'-16')	02/07/17
17B0227-07	SP-8 (2'-4')	02/07/17
17B0227-08	SP-8 (6'-8')	02/07/17
17B0227-09	SP-8 (10'-12')	02/07/17
17B0227-10	SP-8 (12'-14')	02/07/17
BB70328-BLK1	Blank	02/07/17
BB70328-SRM1	Reference	02/07/17

**Batch ID:** BB70353

**Preparation Method:** EPA 7473 soil

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/08/17





17B0227-02	SP-9 (6'-8')	02/08/17
17B0227-03	SP-9 (8'-10')	02/08/17
17B0227-04	SP-9 (10'-12')	02/08/17
17B0227-05	SP-9 (12'-14')	02/08/17
17B0227-06	SP-9 (14'-16')	02/08/17
17B0227-07	SP-8 (2'-4')	02/08/17
17B0227-08	SP-8 (6'-8')	02/08/17
17B0227-09	SP-8 (10'-12')	02/08/17
17B0227-10	SP-8 (12'-14')	02/08/17
BB70353-BLK1	Blank	02/08/17
BB70353-SRM1	Reference	02/08/17

**Batch ID:** BB70391      **Preparation Method:** EPA 3050B      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-03RE1	SP-9 (8'-10')	02/07/17
17B0227-04RE1	SP-9 (10'-12')	02/07/17
17B0227-08RE1	SP-8 (6'-8')	02/07/17
BB70391-BLK1	Blank	02/08/17
BB70391-SRM1	Reference	02/08/17

**Batch ID:** BB70409      **Preparation Method:** EPA 5035A      **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/08/17
17B0227-03	SP-9 (8'-10')	02/08/17
17B0227-04	SP-9 (10'-12')	02/08/17
17B0227-05	SP-9 (12'-14')	02/08/17
17B0227-06	SP-9 (14'-16')	02/08/17
17B0227-07	SP-8 (2'-4')	02/08/17
17B0227-08	SP-8 (6'-8')	02/08/17
17B0227-09	SP-8 (10'-12')	02/08/17
BB70409-BLK1	Blank	02/08/17
BB70409-BS1	LCS	02/08/17
BB70409-BSD1	LCS Dup	02/08/17

**Batch ID:** BB70453      **Preparation Method:** EPA 3550C      **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/10/17
17B0227-02	SP-9 (6'-8')	02/10/17
17B0227-03	SP-9 (8'-10')	02/10/17
17B0227-04	SP-9 (10'-12')	02/10/17
17B0227-05	SP-9 (12'-14')	02/10/17
17B0227-06	SP-9 (14'-16')	02/10/17
17B0227-07	SP-8 (2'-4')	02/10/17
17B0227-08	SP-8 (6'-8')	02/10/17
17B0227-09	SP-8 (10'-12')	02/10/17
17B0227-10	SP-8 (12'-14')	02/10/17
BB70453-BLK1	Blank	02/10/17



BB70453-BS1 LCS 02/10/17  
BB70453-BSD1 LCS Dup 02/10/17

**Batch ID:** BB70466 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-02	SP-9 (6'-8')	02/10/17
17B0227-10	SP-8 (12'-14')	02/10/17
BB70466-BLK1	Blank	02/10/17
BB70466-BS1	LCS	02/10/17
BB70466-BSD1	LCS Dup	02/10/17

**Batch ID:** BB70473 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/10/17
17B0227-02	SP-9 (6'-8')	02/10/17
17B0227-03	SP-9 (8'-10')	02/10/17
17B0227-04	SP-9 (10'-12')	02/10/17
17B0227-05	SP-9 (12'-14')	02/10/17
17B0227-06	SP-9 (14'-16')	02/10/17
17B0227-07	SP-8 (2'-4')	02/10/17
17B0227-08	SP-8 (6'-8')	02/10/17
BB70473-DUP1	Duplicate	02/10/17

**Batch ID:** BB70474 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-09	SP-8 (10'-12')	02/10/17
17B0227-10	SP-8 (12'-14')	02/10/17

**Batch ID:** BB70768 **Preparation Method:** Analysis Preparation Soil **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-08	SP-8 (6'-8')	02/15/17
17B0227-09	SP-8 (10'-12')	02/15/17
17B0227-10	SP-8 (12'-14')	02/15/17
BB70768-BLK1	Blank	02/15/17
BB70768-SRM1	Reference	02/15/17

**Batch ID:** BB70853 **Preparation Method:** Analysis Preparation Soil **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17B0227-01	SP-9 (4'-6')	02/16/17
17B0227-02	SP-9 (6'-8')	02/16/17
17B0227-03	SP-9 (8'-10')	02/16/17
17B0227-04	SP-9 (10'-12')	02/16/17
17B0227-05	SP-9 (12'-14')	02/16/17



17B0227-06	SP-9 (14'-16')	02/16/17
17B0227-07	SP-8 (2'-4')	02/16/17
BB70853-BLK1	Blank	02/16/17
BB70853-DUP1	Duplicate	02/16/17
BB70853-MS1	Matrix Spike	02/16/17
BB70853-SRM1	Reference	02/16/17



**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
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**Batch BB70409 - EPA 5035A**

**Blank (BB70409-BLK1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	2.6	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	3.6	10	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70409 - EPA 5035A**

**Blank (BB70409-BLK1)**

Prepared & Analyzed: 02/08/2017

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-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.1		ug/L	50.0		100	77-125				
<i>Surrogate: Toluene-d8</i>	50.0		"	50.0		100	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	41.2		"	50.0		82.3	76-130				

**LCS (BB70409-BS1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	51.1		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.6		"	50.0		113	58-146				
1,1,2-Trichloroethane	51.4		"	50.0		103	83-123				
1,1-Dichloroethane	54.9		"	50.0		110	75-130				
1,1-Dichloroethylene	53.5		"	50.0		107	64-137				
1,1-Dichloropropylene	52.5		"	50.0		105	77-127				
1,2,3-Trichlorobenzene	56.9		"	50.0		114	81-140				
1,2,3-Trichloropropane	49.1		"	50.0		98.2	81-126				
1,2,4-Trichlorobenzene	53.0		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	45.9		"	50.0		91.8	84-125				
1,2-Dibromo-3-chloropropane	47.1		"	50.0		94.2	74-142				
1,2-Dibromoethane	52.4		"	50.0		105	86-123				
1,2-Dichlorobenzene	51.0		"	50.0		102	85-122				
1,2-Dichloroethane	53.9		"	50.0		108	71-133				
1,2-Dichloropropane	50.6		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	44.7		"	50.0		89.4	82-126				
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124				
1,3-Dichloropropane	50.9		"	50.0		102	83-123				
1,4-Dichlorobenzene	49.7		"	50.0		99.4	84-124				
1,4-Dioxane	1970		"	1000		197	10-228				
2,2-Dichloropropane	50.2		"	50.0		100	67-136				
2-Butanone	53.1		"	50.0		106	58-147				
2-Chlorotoluene	48.5		"	50.0		97.0	78-127				
4-Chlorotoluene	46.1		"	50.0		92.2	79-125				
Acetone	54.6		"	50.0		109	36-155				
Benzene	55.1		"	50.0		110	77-127				
Bromobenzene	47.0		"	50.0		93.9	77-129				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70409 - EPA 5035A**

**LCS (BB70409-BS1)**

Prepared & Analyzed: 02/08/2017

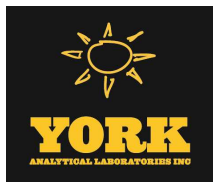
Bromochloromethane	56.5		ug/L	50.0		113	74-129				
Bromodichloromethane	49.0		"	50.0		98.0	81-124				
Bromoform	52.6		"	50.0		105	80-136				
Bromomethane	46.7		"	50.0		93.5	32-177				
Carbon tetrachloride	50.8		"	50.0		102	66-143				
Chlorobenzene	50.6		"	50.0		101	86-120				
Chloroethane	50.0		"	50.0		100	51-142				
Chloroform	54.3		"	50.0		109	76-131				
Chloromethane	54.7		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	55.0		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	49.4		"	50.0		98.9	81-129				
Dibromochloromethane	52.9		"	50.0		106	10-200				
Dibromomethane	51.1		"	50.0		102	83-124				
Dichlorodifluoromethane	54.6		"	50.0		109	28-158				
Ethyl Benzene	48.6		"	50.0		97.3	84-125				
Hexachlorobutadiene	49.3		"	50.0		98.7	83-133				
Isopropylbenzene	45.4		"	50.0		90.8	81-127				
Methyl tert-butyl ether (MTBE)	56.8		"	50.0		114	74-131				
Methylene chloride	55.0		"	50.0		110	57-141				
Naphthalene	54.0		"	50.0		108	86-141				
n-Butylbenzene	46.0		"	50.0		92.0	80-130				
n-Propylbenzene	46.2		"	50.0		92.4	74-136				
o-Xylene	49.2		"	50.0		98.3	83-123				
p- & m- Xylenes	94.8		"	100		94.8	82-128				
p-Isopropyltoluene	46.4		"	50.0		92.7	85-125				
sec-Butylbenzene	46.5		"	50.0		93.0	83-125				
Styrene	50.0		"	50.0		99.9	86-126				
tert-Butylbenzene	45.7		"	50.0		91.4	80-127				
Tetrachloroethylene	48.5		"	50.0		97.1	80-129				
Toluene	49.6		"	50.0		99.2	85-121				
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	50.7		"	50.0		101	78-132				
Trichloroethylene	50.3		"	50.0		101	84-123				
Trichlorofluoromethane	51.0		"	50.0		102	62-140				
Vinyl acetate	60.0		"	50.0		120	67-136				
Vinyl Chloride	51.1		"	50.0		102	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.8</i>		<i>"</i>	<i>50.0</i>		<i>95.6</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>46.2</i>		<i>"</i>	<i>50.0</i>		<i>92.3</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.0</i>		<i>"</i>	<i>50.0</i>		<i>95.9</i>	<i>76-130</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BB70409 - EPA 5035A</b>										
<b>LCS Dup (BB70409-BSD1)</b>										
Prepared & Analyzed: 02/08/2017										
1,1,1,2-Tetrachloroethane	50.5		ug/L	50.0	101	75-129			1.14	30
1,1,1-Trichloroethane	53.0		"	50.0	106	71-137			1.25	30
1,1,2,2-Tetrachloroethane	51.6		"	50.0	103	79-129			1.11	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.2		"	50.0	112	58-146			0.656	30
1,1,2-Trichloroethane	51.6		"	50.0	103	83-123			0.350	30
1,1-Dichloroethane	56.0		"	50.0	112	75-130			2.09	30
1,1-Dichloroethylene	54.2		"	50.0	108	64-137			1.41	30
1,1-Dichloropropylene	54.8		"	50.0	110	77-127			4.17	30
1,2,3-Trichlorobenzene	56.1		"	50.0	112	81-140			1.40	30
1,2,3-Trichloropropane	49.2		"	50.0	98.4	81-126			0.265	30
1,2,4-Trichlorobenzene	51.6		"	50.0	103	80-141			2.83	30
1,2,4-Trimethylbenzene	45.4		"	50.0	90.8	84-125			1.12	30
1,2-Dibromo-3-chloropropane	48.0		"	50.0	95.9	74-142			1.81	30
1,2-Dibromoethane	54.0		"	50.0	108	86-123			3.10	30
1,2-Dichlorobenzene	50.8		"	50.0	102	85-122			0.472	30
1,2-Dichloroethane	53.7		"	50.0	107	71-133			0.279	30
1,2-Dichloropropane	50.0		"	50.0	100	81-122			1.17	30
1,3,5-Trimethylbenzene	45.8		"	50.0	91.6	82-126			2.48	30
1,3-Dichlorobenzene	48.7		"	50.0	97.4	84-124			1.39	30
1,3-Dichloropropane	50.8		"	50.0	102	83-123			0.216	30
1,4-Dichlorobenzene	49.6		"	50.0	99.2	84-124			0.201	30
1,4-Dioxane	1970		"	1000	197	10-228			0.0537	30
2,2-Dichloropropane	50.6		"	50.0	101	67-136			0.674	30
2-Butanone	57.3		"	50.0	115	58-147			7.61	30
2-Chlorotoluene	48.8		"	50.0	97.6	78-127			0.576	30
4-Chlorotoluene	45.3		"	50.0	90.6	79-125			1.75	30
Acetone	56.0		"	50.0	112	36-155			2.55	30
Benzene	54.2		"	50.0	108	77-127			1.52	30
Bromobenzene	47.2		"	50.0	94.4	77-129			0.489	30
Bromochloromethane	55.5		"	50.0	111	74-129			1.80	30
Bromodichloromethane	50.2		"	50.0	100	81-124			2.38	30
Bromoform	51.0		"	50.0	102	80-136			3.11	30
Bromomethane	49.2		"	50.0	98.5	32-177			5.21	30
Carbon tetrachloride	50.1		"	50.0	100	66-143			1.37	30
Chlorobenzene	50.3		"	50.0	101	86-120			0.733	30
Chloroethane	50.6		"	50.0	101	51-142			1.21	30
Chloroform	54.9		"	50.0	110	76-131			0.952	30
Chloromethane	59.2		"	50.0	118	49-132			7.99	30
cis-1,2-Dichloroethylene	56.0		"	50.0	112	74-132			1.69	30
cis-1,3-Dichloropropylene	49.9		"	50.0	99.7	81-129			0.866	30
Dibromochloromethane	53.6		"	50.0	107	10-200			1.48	30
Dibromomethane	52.0		"	50.0	104	83-124			1.71	30
Dichlorodifluoromethane	57.2		"	50.0	114	28-158			4.78	30
Ethyl Benzene	49.3		"	50.0	98.6	84-125			1.37	30
Hexachlorobutadiene	53.0		"	50.0	106	83-133			7.08	30
Isopropylbenzene	45.2		"	50.0	90.4	81-127			0.441	30
Methyl tert-butyl ether (MTBE)	57.6		"	50.0	115	74-131			1.43	30
Methylene chloride	53.8		"	50.0	108	57-141			2.32	30
Naphthalene	54.6		"	50.0	109	86-141			1.10	30
n-Butylbenzene	47.1		"	50.0	94.2	80-130			2.28	30
n-Propylbenzene	46.6		"	50.0	93.2	74-136			0.776	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
<b>Batch BB70409 - EPA 5035A</b>											
<b>LCS Dup (BB70409-BSD1)</b>										Prepared & Analyzed: 02/08/2017	
o-Xylene	49.8		ug/L	50.0		99.5	83-123		1.21	30	
p- & m- Xylenes	98.6		"	100		98.6	82-128		3.94	30	
p-Isopropyltoluene	46.4		"	50.0		92.9	85-125		0.194	30	
sec-Butylbenzene	46.8		"	50.0		93.5	83-125		0.579	30	
Styrene	49.9		"	50.0		99.8	86-126		0.100	30	
tert-Butylbenzene	48.3		"	50.0		96.7	80-127		5.55	30	
Tetrachloroethylene	49.2		"	50.0		98.3	80-129		1.27	30	
Toluene	51.1		"	50.0		102	85-121		2.88	30	
trans-1,2-Dichloroethylene	55.2		"	50.0		110	72-132		5.01	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132		0.629	30	
Trichloroethylene	50.1		"	50.0		100	84-123		0.379	30	
Trichlorofluoromethane	49.8		"	50.0		99.6	62-140		2.24	30	
Vinyl acetate	58.5		"	50.0		117	67-136		2.46	30	
Vinyl Chloride	50.9		"	50.0		102	52-130		0.294	30	
Surrogate: 1,2-Dichloroethane-d4	48.3		"	50.0		96.7	77-125				
Surrogate: Toluene-d8	47.6		"	50.0		95.1	85-120				
Surrogate: p-Bromofluorobenzene	48.3		"	50.0		96.7	76-130				

**Batch BB70466 - EPA 5035A**

<b>Blank (BB70466-BLK1)</b>										Prepared & Analyzed: 02/10/2017	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								





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

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

**Batch BB70466 - EPA 5035A**

**Blank (BB70466-BLK1)**

Prepared & Analyzed: 02/10/2017

Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	48.3		ug/L	50.0		96.6		77-125			
<i>Surrogate: Toluene-d8</i>	47.2		"	50.0		94.4		85-120			
<i>Surrogate: p-Bromofluorobenzene</i>	52.5		"	50.0		105		76-130			



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70466 - EPA 5035A**

**LCS (BB70466-BS1)**

Prepared & Analyzed: 02/10/2017

1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	56.8		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.2		"	50.0		84.3	58-146				
1,1,2-Trichloroethane	54.4		"	50.0		109	83-123				
1,1-Dichloroethane	54.7		"	50.0		109	75-130				
1,1-Dichloroethylene	46.3		"	50.0		92.6	64-137				
1,1-Dichloropropylene	57.5		"	50.0		115	77-127				
1,2,3-Trichlorobenzene	53.7		"	50.0		107	81-140				
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	53.6		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	46.9		"	50.0		93.8	84-125				
1,2-Dibromo-3-chloropropane	50.8		"	50.0		102	74-142				
1,2-Dibromoethane	54.1		"	50.0		108	86-123				
1,2-Dichlorobenzene	50.3		"	50.0		101	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	50.7		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126				
1,3-Dichlorobenzene	51.2		"	50.0		102	84-124				
1,3-Dichloropropane	51.7		"	50.0		103	83-123				
1,4-Dichlorobenzene	51.1		"	50.0		102	84-124				
1,4-Dioxane	894		"	1000		89.4	10-228				
2,2-Dichloropropane	54.7		"	50.0		109	67-136				
2-Butanone	54.6		"	50.0		109	58-147				
2-Chlorotoluene	45.9		"	50.0		91.8	78-127				
4-Chlorotoluene	47.2		"	50.0		94.5	79-125				
Acetone	41.7		"	50.0		83.4	36-155				
Benzene	59.5		"	50.0		119	77-127				
Bromobenzene	47.7		"	50.0		95.4	77-129				
Bromochloromethane	57.7		"	50.0		115	74-129				
Bromodichloromethane	49.9		"	50.0		99.8	81-124				
Bromoform	55.6		"	50.0		111	80-136				
Bromomethane	31.7		"	50.0		63.5	32-177				
Carbon tetrachloride	58.2		"	50.0		116	66-143				
Chlorobenzene	54.1		"	50.0		108	86-120				
Chloroethane	35.8		"	50.0		71.6	51-142				
Chloroform	58.0		"	50.0		116	76-131				
Chloromethane	52.4		"	50.0		105	49-132				
cis-1,2-Dichloroethylene	57.8		"	50.0		116	74-132				
cis-1,3-Dichloropropylene	50.1		"	50.0		100	81-129				
Dibromochloromethane	54.7		"	50.0		109	10-200				
Dibromomethane	52.8		"	50.0		106	83-124				
Dichlorodifluoromethane	53.5		"	50.0		107	28-158				
Ethyl Benzene	50.7		"	50.0		101	84-125				
Hexachlorobutadiene	51.7		"	50.0		103	83-133				
Isopropylbenzene	49.0		"	50.0		98.0	81-127				
Methyl tert-butyl ether (MTBE)	54.8		"	50.0		110	74-131				
Methylene chloride	46.2		"	50.0		92.5	57-141				
Naphthalene	53.4		"	50.0		107	86-141				
n-Butylbenzene	47.3		"	50.0		94.5	80-130				
n-Propylbenzene	47.3		"	50.0		94.7	74-136				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
<b>Batch BB70466 - EPA 5035A</b>										
<b>LCS (BB70466-BS1)</b>										
Prepared & Analyzed: 02/10/2017										
o-Xylene	50.9		ug/L	50.0		102	83-123			
p- & m- Xylenes	102		"	100		102	82-128			
p-Isopropyltoluene	47.6		"	50.0		95.3	85-125			
sec-Butylbenzene	48.6		"	50.0		97.2	83-125			
Styrene	50.7		"	50.0		101	86-126			
tert-Butylbenzene	48.5		"	50.0		97.0	80-127			
Tetrachloroethylene	55.4		"	50.0		111	80-129			
Toluene	52.4		"	50.0		105	85-121			
trans-1,2-Dichloroethylene	53.5		"	50.0		107	72-132			
trans-1,3-Dichloropropylene	50.3		"	50.0		101	78-132			
Trichloroethylene	51.4		"	50.0		103	84-123			
Trichlorofluoromethane	45.2		"	50.0		90.4	62-140			
Vinyl acetate	64.0		"	50.0		128	67-136			
Vinyl Chloride	43.0		"	50.0		86.0	52-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>44.4</i>		<i>"</i>	<i>50.0</i>		<i>88.9</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.2</i>		<i>"</i>	<i>50.0</i>		<i>90.4</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.6</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>			
<b>LCS Dup (BB70466-BSD1)</b>										
Prepared & Analyzed: 02/10/2017										
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129		3.34	30
1,1,1-Trichloroethane	58.5		"	50.0		117	71-137		2.81	30
1,1,2,2-Tetrachloroethane	50.0		"	50.0		100	79-129		1.17	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.6		"	50.0		87.3	58-146		3.40	30
1,1,2-Trichloroethane	56.6		"	50.0		113	83-123		4.00	30
1,1-Dichloroethane	58.9		"	50.0		118	75-130		7.45	30
1,1-Dichloroethylene	49.0		"	50.0		98.1	64-137		5.75	30
1,1-Dichloropropylene	60.3		"	50.0		121	77-127		4.77	30
1,2,3-Trichlorobenzene	55.9		"	50.0		112	81-140		3.91	30
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126		1.34	30
1,2,4-Trichlorobenzene	55.4		"	50.0		111	80-141		3.27	30
1,2,4-Trimethylbenzene	48.4		"	50.0		96.9	84-125		3.19	30
1,2-Dibromo-3-chloropropane	50.5		"	50.0		101	74-142		0.513	30
1,2-Dibromoethane	54.4		"	50.0		109	86-123		0.553	30
1,2-Dichlorobenzene	52.7		"	50.0		105	85-122		4.68	30
1,2-Dichloroethane	56.3		"	50.0		113	71-133		6.91	30
1,2-Dichloropropane	52.3		"	50.0		105	81-122		3.13	30
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126		4.59	30
1,3-Dichlorobenzene	52.2		"	50.0		104	84-124		2.03	30
1,3-Dichloropropane	52.6		"	50.0		105	83-123		1.76	30
1,4-Dichlorobenzene	52.3		"	50.0		105	84-124		2.36	30
1,4-Dioxane	962		"	1000		96.2	10-228		7.32	30
2,2-Dichloropropane	55.2		"	50.0		110	67-136		0.855	30
2-Butanone	53.8		"	50.0		108	58-147		1.51	30
2-Chlorotoluene	47.7		"	50.0		95.4	78-127		3.80	30
4-Chlorotoluene	48.1		"	50.0		96.2	79-125		1.78	30
Acetone	40.4		"	50.0		80.9	36-155		3.12	30
Benzene	62.7		"	50.0		125	77-127		5.32	30
Bromobenzene	50.6		"	50.0		101	77-129		5.80	30
Bromochloromethane	60.9		"	50.0		122	74-129		5.43	30
Bromodichloromethane	49.5		"	50.0		99.0	81-124		0.845	30
Bromoform	59.1		"	50.0		118	80-136		6.19	30



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

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BB70466 - EPA 5035A</b>										
<b>LCS Dup (BB70466-BSD1)</b>										
Prepared & Analyzed: 02/10/2017										
Bromomethane	33.8		ug/L	50.0	67.6	32-177			6.26	30
Carbon tetrachloride	61.5		"	50.0	123	66-143			5.60	30
Chlorobenzene	55.8		"	50.0	112	86-120			3.09	30
Chloroethane	38.4		"	50.0	76.8	51-142			7.04	30
Chloroform	61.2		"	50.0	122	76-131			5.35	30
Chloromethane	56.7		"	50.0	113	49-132			7.92	30
cis-1,2-Dichloroethylene	61.3		"	50.0	123	74-132			6.01	30
cis-1,3-Dichloropropylene	53.5		"	50.0	107	81-129			6.54	30
Dibromochloromethane	54.9		"	50.0	110	10-200			0.274	30
Dibromomethane	54.9		"	50.0	110	83-124			4.07	30
Dichlorodifluoromethane	54.6		"	50.0	109	28-158			2.07	30
Ethyl Benzene	52.7		"	50.0	105	84-125			3.90	30
Hexachlorobutadiene	53.5		"	50.0	107	83-133			3.48	30
Isopropylbenzene	51.4		"	50.0	103	81-127			4.86	30
Methyl tert-butyl ether (MTBE)	56.2		"	50.0	112	74-131			2.63	30
Methylene chloride	50.8		"	50.0	102	57-141			9.30	30
Naphthalene	55.5		"	50.0	111	86-141			3.84	30
n-Butylbenzene	48.5		"	50.0	96.9	80-130			2.51	30
n-Propylbenzene	49.5		"	50.0	99.0	74-136			4.46	30
o-Xylene	53.3		"	50.0	107	83-123			4.49	30
p- & m- Xylenes	104		"	100	104	82-128			2.24	30
p-Isopropyltoluene	49.8		"	50.0	99.7	85-125			4.51	30
sec-Butylbenzene	50.7		"	50.0	101	83-125			4.29	30
Styrene	53.2		"	50.0	106	86-126			4.73	30
tert-Butylbenzene	50.2		"	50.0	100	80-127			3.45	30
Tetrachloroethylene	57.3		"	50.0	115	80-129			3.50	30
Toluene	53.9		"	50.0	108	85-121			2.78	30
trans-1,2-Dichloroethylene	56.0		"	50.0	112	72-132			4.49	30
trans-1,3-Dichloropropylene	51.2		"	50.0	102	78-132			1.75	30
Trichloroethylene	55.4		"	50.0	111	84-123			7.30	30
Trichlorofluoromethane	46.8		"	50.0	93.6	62-140			3.57	30
Vinyl acetate	71.2		"	50.0	142	67-136	High Bias		10.6	30
Vinyl Chloride	44.6		"	50.0	89.2	52-130			3.63	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>45.3</i>		<i>"</i>	<i>50.0</i>	<i>90.6</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>45.8</i>		<i>"</i>	<i>50.0</i>	<i>91.5</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>52.1</i>		<i>"</i>	<i>50.0</i>	<i>104</i>	<i>76-130</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

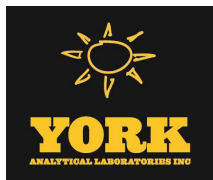
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70453 - EPA 3550C

Blank (BB70453-BLK1)

Prepared & Analyzed: 02/10/2017

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	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	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 alcohol	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	"								
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	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70453 - EPA 3550C

Blank (BB70453-BLK1)

Prepared & Analyzed: 02/10/2017

Hexachlorobenzene	ND	41.7	ug/kg wet								
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	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>2140</i>		<i>"</i>	<i>2650</i>	<i>80.7</i>	<i>20-108</i>					
<i>Surrogate: Phenol-d5</i>	<i>1720</i>		<i>"</i>	<i>2710</i>	<i>63.5</i>	<i>23-114</i>					
<i>Surrogate: Nitrobenzene-d5</i>	<i>1000</i>		<i>"</i>	<i>1740</i>	<i>57.6</i>	<i>22-108</i>					
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1190</i>		<i>"</i>	<i>1780</i>	<i>67.0</i>	<i>21-113</i>					
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2680</i>		<i>"</i>	<i>2510</i>	<i>107</i>	<i>19-110</i>					
<i>Surrogate: Terphenyl-d14</i>	<i>2050</i>		<i>"</i>	<i>1740</i>	<i>118</i>	<i>24-116</i>					

LCS (BB70453-BS1)

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	1170	41.7	ug/kg wet	1670	70.1	23-130					
1,2-Dichlorobenzene	1200	41.7	"	1670	72.1	26-113					
1,3-Dichlorobenzene	1210	41.7	"	1670	72.4	32-113					
1,4-Dichlorobenzene	1040	41.7	"	1670	62.3	28-111					
2,4,5-Trichlorophenol	1230	41.7	"	1670	74.0	14-138					
2,4,6-Trichlorophenol	1230	41.7	"	1670	73.7	27-122					
2,4-Dichlorophenol	1170	41.7	"	1670	70.3	23-133					
2,4-Dimethylphenol	1520	41.7	"	1670	91.1	15-131					
2,4-Dinitrophenol	1030	83.3	"	1670	62.0	10-149					
2,4-Dinitrotoluene	1290	41.7	"	1670	77.4	30-123					
2,6-Dinitrotoluene	1330	41.7	"	1670	79.8	30-125					
2-Chloronaphthalene	1160	41.7	"	1670	69.8	22-115					
2-Chlorophenol	1180	41.7	"	1670	70.6	25-121					
2-Methylnaphthalene	1610	41.7	"	1670	96.8	16-127					
2-Methylphenol	1130	41.7	"	1670	67.6	10-146					
2-Nitroaniline	1340	83.3	"	1670	80.4	24-126					
2-Nitrophenol	1310	41.7	"	1670	78.8	17-129					
3- & 4-Methylphenols	1060	41.7	"	1670	63.6	20-109					
3,3-Dichlorobenzidine	1290	41.7	"	8330	15.4	10-147					
3-Nitroaniline	1640	83.3	"	1670	98.5	23-123					
4,6-Dinitro-2-methylphenol	1340	83.3	"	1670	80.3	10-149					
4-Bromophenyl phenyl ether	1430	41.7	"	1670	85.6	30-138					
4-Chloro-3-methylphenol	1280	41.7	"	1670	77.0	16-138					
4-Chloroaniline	1050	41.7	"	1670	62.8	10-117					
4-Chlorophenyl phenyl ether	1260	41.7	"	1670	75.3	18-132					
4-Nitroaniline	1860	83.3	"	1670	111	14-125					
4-Nitrophenol	932	83.3	"	1670	55.9	10-136					



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70453 - EPA 3550C

LCS (BB70453-BS1)

Prepared & Analyzed: 02/10/2017

Acenaphthene	1250	41.7	ug/kg wet	1670		74.8		17-124			
Acenaphthylene	1200	41.7	"	1670		72.2		16-124			
Aniline	1690	167	"	1670		102		10-111			
Anthracene	1340	41.7	"	1670		80.6		24-124			
Benzo(a)anthracene	1280	41.7	"	1670		76.5		25-134			
Benzo(a)pyrene	842	41.7	"	1670		50.5		29-144			
Benzo(b)fluoranthene	879	41.7	"	1670		52.8		20-151			
Benzo(g,h,i)perylene	829	41.7	"	1670		49.8		10-153			
Benzo(k)fluoranthene	1010	41.7	"	1670		60.4		10-148			
Benzyl alcohol	1330	41.7	"	1670		79.5		17-128			
Benzyl butyl phthalate	1780	41.7	"	1670		107		10-132			
Bis(2-chloroethoxy)methane	1220	41.7	"	1670		73.1		10-129			
Bis(2-chloroethyl)ether	1080	41.7	"	1670		65.0		14-125			
Bis(2-chloroisopropyl)ether	1560	41.7	"	1670		93.5		14-122			
Bis(2-ethylhexyl)phthalate	1830	41.7	"	1670		110		10-141			
Chrysene	956	41.7	"	1670		57.4		24-116			
Dibenzo(a,h)anthracene	1140	41.7	"	1670		68.3		17-147			
Dibenzofuran	1240	41.7	"	1670		74.4		23-123			
Diethyl phthalate	1190	41.7	"	1670		71.1		23-122			
Dimethyl phthalate	1200	41.7	"	1670		71.9		28-127			
Di-n-butyl phthalate	1200	41.7	"	1670		71.8		19-123			
Di-n-octyl phthalate	1250	41.7	"	1670		74.9		10-132			
Fluoranthene	1130	41.7	"	1670		67.5		36-125			
Fluorene	1220	41.7	"	1670		73.4		16-130			
Hexachlorobenzene	1140	41.7	"	1670		68.5		10-129			
Hexachlorobutadiene	1240	41.7	"	1670		74.7		22-153			
Hexachlorocyclopentadiene	763	41.7	"	1670		45.8		10-134			
Hexachloroethane	1090	41.7	"	1670		65.6		20-112			
Indeno(1,2,3-cd)pyrene	1070	41.7	"	1670		64.4		10-155			
Isophorone	1100	41.7	"	1670		65.8		14-131			
Naphthalene	1270	41.7	"	1670		76.3		20-121			
Nitrobenzene	1030	41.7	"	1670		61.7		20-121			
N-Nitrosodimethylamine	636	41.7	"	1670		38.2		10-124			
N-nitroso-di-n-propylamine	1110	41.7	"	1670		66.3		21-119			
N-Nitrosodiphenylamine	1940	41.7	"	1670		116		10-163			
Pentachlorophenol	1100	41.7	"	1670		66.0		10-143			
Phenanthrene	1340	41.7	"	1670		80.6		24-123			
Phenol	1270	41.7	"	1670		76.5		15-123			
Pyrene	1900	41.7	"	1670		114		24-132			
Pyridine	890	167	"	1670		53.4		10-92			
Surrogate: 2-Fluorophenol	2360		"	2650		89.4		20-108			
Surrogate: Phenol-d5	1980		"	2710		73.2		23-114			
Surrogate: Nitrobenzene-d5	1090		"	1740		62.8		22-108			
Surrogate: 2-Fluorobiphenyl	1230		"	1780		69.4		21-113			
Surrogate: 2,4,6-Tribromophenol	3050		"	2510		122		30-130			
Surrogate: Terphenyl-d14	1610		"	1740		92.5		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
<b>Batch BB70453 - EPA 3550C</b>											
<b>LCS Dup (BB70453-BSD1)</b>										Prepared & Analyzed: 02/10/2017	
1,2,4-Trichlorobenzene	1440	41.7	ug/kg wet	1670		86.3	23-130		20.8	30	
1,2-Dichlorobenzene	1430	41.7	"	1670		85.9	26-113		17.4	30	
1,3-Dichlorobenzene	1410	41.7	"	1670		84.3	32-113		15.2	30	
1,4-Dichlorobenzene	1220	41.7	"	1670		73.2	28-111		16.1	30	
2,4,5-Trichlorophenol	1320	41.7	"	1670		79.2	14-138		6.89	30	
2,4,6-Trichlorophenol	1430	41.7	"	1670		85.8	27-122		15.1	30	
2,4-Dichlorophenol	1470	41.7	"	1670		88.3	23-133		22.6	30	
2,4-Dimethylphenol	1800	41.7	"	1670		108	15-131		17.1	30	
2,4-Dinitrophenol	1150	83.3	"	1670		68.8	10-149		10.4	30	
2,4-Dinitrotoluene	1460	41.7	"	1670		87.5	30-123		12.3	30	
2,6-Dinitrotoluene	1510	41.7	"	1670		90.7	30-125		12.8	30	
2-Chloronaphthalene	1360	41.7	"	1670		81.4	22-115		15.4	30	
2-Chlorophenol	1370	41.7	"	1670		82.2	25-121		15.2	30	
2-Methylnaphthalene	1720	41.7	"	1670		103	16-127		6.46	30	
2-Methylphenol	ND	41.7	"	1670			10-146	Low Bias		30	
2-Nitroaniline	1530	83.3	"	1670		91.8	24-126		13.2	30	
2-Nitrophenol	1480	41.7	"	1670		88.5	17-129		11.6	30	
3- & 4-Methylphenols	1260	41.7	"	1670		75.6	20-109		17.2	30	
3,3-Dichlorobenzidine	1460	41.7	"	8330		17.6	10-147		12.8	30	
3-Nitroaniline	1780	83.3	"	1670		107	23-123		7.94	30	
4,6-Dinitro-2-methylphenol	1480	83.3	"	1670		88.7	10-149		9.94	30	
4-Bromophenyl phenyl ether	1650	41.7	"	1670		99.0	30-138		14.6	30	
4-Chloro-3-methylphenol	1350	41.7	"	1670		80.8	16-138		4.81	30	
4-Chloroaniline	953	41.7	"	1670		57.2	10-117		9.37	30	
4-Chlorophenyl phenyl ether	1450	41.7	"	1670		87.0	18-132		14.3	30	
4-Nitroaniline	2220	83.3	"	1670		133	14-125	High Bias	17.9	30	
4-Nitrophenol	ND	83.3	"	1670			10-136	Low Bias		30	
Acenaphthene	1440	41.7	"	1670		86.6	17-124		14.5	30	
Acenaphthylene	1390	41.7	"	1670		83.5	16-124		14.5	30	
Aniline	1850	167	"	1670		111	10-111		8.91	30	
Anthracene	1500	41.7	"	1670		90.2	24-124		11.2	30	
Benzo(a)anthracene	1450	41.7	"	1670		87.0	25-134		12.9	30	
Benzo(a)pyrene	994	41.7	"	1670		59.6	29-144		16.6	30	
Benzo(b)fluoranthene	1030	41.7	"	1670		61.8	20-151		15.8	30	
Benzo(g,h,i)perylene	977	41.7	"	1670		58.6	10-153		16.3	30	
Benzo(k)fluoranthene	1010	41.7	"	1670		60.5	10-148		0.232	30	
Benzyl alcohol	1590	41.7	"	1670		95.5	17-128		18.3	30	
Benzyl butyl phthalate	1900	41.7	"	1670		114	10-132		6.73	30	
Bis(2-chloroethoxy)methane	1460	41.7	"	1670		87.4	10-129		17.8	30	
Bis(2-chloroethyl)ether	1290	41.7	"	1670		77.5	14-125		17.6	30	
Bis(2-chloroisopropyl)ether	1850	41.7	"	1670		111	14-122		17.3	30	
Bis(2-ethylhexyl)phthalate	1880	41.7	"	1670		113	10-141		2.64	30	
Chrysene	1120	41.7	"	1670		67.2	24-116		15.7	30	
Dibenzo(a,h)anthracene	1330	41.7	"	1670		79.9	17-147		15.7	30	
Dibenzofuran	1440	41.7	"	1670		86.3	23-123		14.8	30	
Diethyl phthalate	1330	41.7	"	1670		79.8	23-122		11.4	30	
Dimethyl phthalate	1350	41.7	"	1670		81.1	28-127		12.1	30	
Di-n-butyl phthalate	1280	41.7	"	1670		76.9	19-123		6.94	30	
Di-n-octyl phthalate	1420	41.7	"	1670		85.2	10-132		12.9	30	
Fluoranthene	1310	41.7	"	1670		78.7	36-125		15.3	30	
Fluorene	1400	41.7	"	1670		83.9	16-130		13.5	30	





Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								Level	Result
<b>Batch BB70453 - EPA 3550C</b>											
<b>LCS Dup (BB70453-BSD1)</b>										Prepared & Analyzed: 02/10/2017	
Hexachlorobenzene	1200	41.7	ug/kg wet	1670		72.2	10-129			5.29	30
Hexachlorobutadiene	1340	41.7	"	1670		80.6	22-153			7.55	30
Hexachlorocyclopentadiene	911	41.7	"	1670		54.7	10-134			17.7	30
Hexachloroethane	1320	41.7	"	1670		78.9	20-112			18.5	30
Indeno(1,2,3-cd)pyrene	1220	41.7	"	1670		73.5	10-155			13.3	30
Isophorone	1180	41.7	"	1670		70.6	14-131			7.03	30
Naphthalene	1430	41.7	"	1670		85.7	20-121			11.6	30
Nitrobenzene	1070	41.7	"	1670		64.3	20-121			4.10	30
N-Nitrosodimethylamine	560	41.7	"	1670		33.6	10-124			12.8	30
N-nitroso-di-n-propylamine	1330	41.7	"	1670		79.6	21-119			18.1	30
N-Nitrosodiphenylamine	2110	41.7	"	1670		127	10-163			8.41	30
Pentachlorophenol	1340	41.7	"	1670		80.5	10-143			19.9	30
Phenanthrene	1520	41.7	"	1670		90.9	24-123			12.1	30
Phenol	47.7	41.7	"	1670		2.86	15-123	Low Bias		186	30 Non-dir.
Pyrene	2200	41.7	"	1670		132	24-132			14.5	30
Pyridine	534	167	"	1670		32.0	10-92			50.0	30 Non-dir.
<i>Surrogate: 2-Fluorophenol</i>	<i>2720</i>		<i>"</i>	<i>2650</i>		<i>103</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>2340</i>		<i>"</i>	<i>2710</i>		<i>86.3</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1120</i>		<i>"</i>	<i>1740</i>		<i>64.4</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1430</i>		<i>"</i>	<i>1780</i>		<i>80.1</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>3560</i>		<i>"</i>	<i>2510</i>		<i>142</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1870</i>		<i>"</i>	<i>1740</i>		<i>108</i>	<i>24-116</i>				



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70292 - EPA 3550C**

**Blank (BB70292-BLK1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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	"								

<i>Surrogate: Decachlorobiphenyl</i>	35.5		"	66.7	53.3	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	38.1		"	66.7	57.1	30-150					

**LCS (BB70292-BS1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

4,4'-DDD	30.1	0.330	ug/kg wet	33.3	90.3	40-140					
4,4'-DDE	28.5	0.330	"	33.3	85.5	40-140					
4,4'-DDT	27.6	0.330	"	33.3	82.9	40-140					
Aldrin	33.1	0.330	"	33.3	99.2	40-140					
alpha-BHC	33.4	0.330	"	33.3	100	40-140					
alpha-Chlordane	29.2	0.330	"	33.3	87.7	40-140					
beta-BHC	29.0	0.330	"	33.3	87.1	40-140					
delta-BHC	30.9	0.330	"	33.3	92.8	40-140					
Dieldrin	27.8	0.330	"	33.3	83.4	40-140					
Endosulfan I	30.6	0.330	"	33.3	91.8	40-140					
Endosulfan II	29.0	0.330	"	33.3	87.1	40-140					
Endosulfan sulfate	32.0	0.330	"	33.3	96.1	40-140					
Endrin	29.6	0.330	"	33.3	88.7	40-140					
Endrin aldehyde	32.7	0.330	"	33.3	98.2	40-140					
Endrin ketone	30.8	0.330	"	33.3	92.4	40-140					
gamma-BHC (Lindane)	31.8	0.330	"	33.3	95.4	40-140					
gamma-Chlordane	29.9	0.330	"	33.3	89.6	40-140					
Heptachlor	29.1	0.330	"	33.3	87.4	40-140					
Heptachlor epoxide	30.1	0.330	"	33.3	90.3	40-140					
Methoxychlor	26.0	1.65	"	33.3	78.0	40-140					

<i>Surrogate: Decachlorobiphenyl</i>	34.0		"	66.7	51.0	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	30.7		"	66.7	46.1	30-150					



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch Y7B1003 - BB70285**

**Performance Mix (Y7B1003-PEM1)**

Prepared & Analyzed: 02/08/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	2.58		"	0.00				0-200					
4,4'-DDT	143		"	200		71.7		0-200					
Endrin	105		"	100		105		0-200					
Endrin aldehyde	1.25		"	0.00				0-200					
Endrin ketone	6.56		"	0.00				0-200					

**Performance Mix (Y7B1003-PEM2)**

Prepared & Analyzed: 02/08/2017

4,4'-DDD	15.1		ng/mL	0.00				0-200					
4,4'-DDE	2.67		"	0.00				0-200					
4,4'-DDT	134		"	200		67.0		0-200					
Endrin	82.3		"	100		82.3		0-200					
Endrin aldehyde	3.09		"	0.00				0-200					
Endrin ketone	8.91		"	0.00				0-200					



**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70292 - EPA 3550C**

**Blank (BB70292-BLK2)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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	"										

<i>Surrogate: Tetrachloro-m-xylene</i>	0.0520		"	0.0667		78.0		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0563		"	0.0667		84.5		30-140					

**LCS (BB70292-BS2)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aroclor 1016	0.280	0.0167	mg/kg wet	0.333		84.0		40-130					
Aroclor 1260	0.279	0.0167	"	0.333		83.8		40-130					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0500		"	0.0667		75.0		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0567		"	0.0667		85.0		30-140					



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70328 - EPA 3050B**

**Blank (BB70328-BLK1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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 (BB70328-SRM1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aluminum	6530	5.00	mg/kg wet	8200		79.7	40-159.7				
Antimony	25.0	0.500	"	105		23.8	19.6-254.3				
Arsenic	182	1.00	"	221		82.6	71-133.5				
Barium	371	1.00	"	428		86.6	74.6-125.5				
Beryllium	89.2	0.100	"	112		79.6	75-125				
Cadmium	97.6	0.300	"	126		77.5	73.3-126.2				
Calcium	4820	5.00	"	6160		78.3	73.9-126.1				
Chromium	58.8	0.500	"	74.7		78.8	68.5-131.3				
Cobalt	148	0.500	"	198		75.0	74.7-125.8				
Copper	69.7	0.500	"	83.3		83.7	73.8-130.8				
Iron	12500	2.00	"	14600		85.9	36.1-163.7				
Lead	65.1	0.300	"	76.9		84.6	68.8-131.3				
Magnesium	2480	5.00	"	3180		77.9	66.9-133.3				
Manganese	377	0.500	"	452		83.4	76.5-123.5				
Nickel	140	0.500	"	178		78.5	73.6-128.7				
Potassium	2360	5.00	"	2820		83.5	62.1-137.9				
Selenium	89.7	1.00	"	111		80.8	65.7-134.2				
Silver	1.29	0.500	"	59.6		2.17	66.8-133.1	Low Bias			
Sodium	577	10.0	"	643		89.7	54.9-145				
Thallium	113	1.00	"	151		74.8	68.2-131.1				
Vanadium	116	1.00	"	150		77.3	70.7-129.3				
Zinc	258	1.00	"	338		76.2	71.9-127.8				



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70391 - EPA 3050B**

**Blank (BB70391-BLK1)**

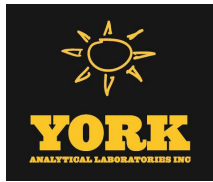
Prepared: 02/08/2017 Analyzed: 02/09/2017

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 (BB70391-SRM1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

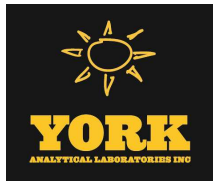
Aluminum	6950	5.00	mg/kg wet	8200	84.8	40-159.7					
Antimony	73.9	0.500	"	105	70.4	19.6-254.3					
Arsenic	174	1.00	"	221	78.6	71-133.5					
Barium	377	1.00	"	428	88.1	74.6-125.5					
Beryllium	86.3	0.100	"	112	77.0	75-125					
Cadmium	91.1	0.300	"	126	72.3	73.3-126.2	Low Bias				
Calcium	4670	5.00	"	6160	75.8	73.9-126.1					
Chromium	58.5	0.500	"	74.7	78.3	68.5-131.3					
Cobalt	165	0.500	"	198	83.3	74.7-125.8					
Copper	69.1	0.500	"	83.3	83.0	73.8-130.8					
Iron	13300	2.00	"	14600	91.1	36.1-163.7					
Lead	63.1	0.300	"	76.9	82.0	68.8-131.3					
Magnesium	2400	5.00	"	3180	75.5	66.9-133.3					
Manganese	350	0.500	"	452	77.4	76.5-123.5					
Nickel	137	0.500	"	178	77.0	73.6-128.7					
Potassium	2250	5.00	"	2820	79.8	62.1-137.9					
Selenium	85.0	1.00	"	111	76.6	65.7-134.2					
Silver	44.0	0.500	"	59.6	73.8	66.8-133.1					
Sodium	510	10.0	"	643	79.3	54.9-145					
Thallium	105	1.00	"	151	69.8	68.2-131.1					
Vanadium	116	1.00	"	150	77.0	70.7-129.3					
Zinc	245	1.00	"	338	72.5	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
<b>Batch BB70353 - EPA 7473 soil</b>											
<b>Blank (BB70353-BLK1)</b>										Prepared & Analyzed: 02/08/2017	
Mercury	ND	0.0300	mg/kg wet								
<b>Reference (BB70353-SRM1)</b>										Prepared & Analyzed: 02/08/2017	
Mercury	16.105		mg/kg	13.8		117	51.4-168.8				



Miscellaneous Physical Parameters - Quality Control Data

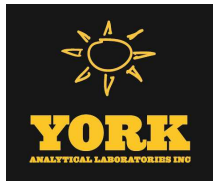
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB70473 - % Solids Prep**

<b>Duplicate (BB70473-DUP1)</b>	*Source sample: 17B0227-08 (SP-8 (6'-8'))							Prepared & Analyzed: 02/10/2017			
% Solids	93.6	0.100	%		91.9				1.75	20	





**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB70768 - Analysis Preparation Soil</b>											
<b>Blank (BB70768-BLK1)</b>										Prepared: 02/15/2017 Analyzed: 02/16/2017	
Cyanide, total	ND	0.500	mg/kg wet								
<b>Reference (BB70768-SRM1)</b>										Prepared: 02/15/2017 Analyzed: 02/16/2017	
Cyanide, total	51.5		ug/mL	53.9		95.5	37.5-163.7				
<b>Batch BB70853 - Analysis Preparation Soil</b>											
<b>Blank (BB70853-BLK1)</b>										Prepared & Analyzed: 02/16/2017	
Cyanide, total	ND	0.500	mg/kg wet								
<b>Duplicate (BB70853-DUP1)</b>										Prepared & Analyzed: 02/16/2017	
	*Source sample: 17B0227-01 (SP-9 (4'-6'))										
Cyanide, total	ND	0.551	mg/kg dry		ND						15
<b>Matrix Spike (BB70853-MS1)</b>										Prepared & Analyzed: 02/16/2017	
	*Source sample: 17B0227-01 (SP-9 (4'-6'))										
Cyanide, total	6.89	0.551	mg/kg dry	11.0	ND	62.5	79.6-107	Low Bias			
<b>Reference (BB70853-SRM1)</b>										Prepared & Analyzed: 02/16/2017	
Cyanide, total	46.0		ug/mL	53.9		85.3	37.5-163.7				



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0227-01	SP-9 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
17B0227-02	SP-9 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0227-03	SP-9 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
17B0227-04	SP-9 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
17B0227-05	SP-9 (12'-14')	40mL Vial with Stir Bar-Cool 4° C
17B0227-06	SP-9 (14'-16')	40mL Vial with Stir Bar-Cool 4° C
17B0227-07	SP-8 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0227-08	SP-8 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0227-09	SP-8 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
17B0227-10	SP-8 (12'-14')	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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-01	This internal standard did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
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.

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*	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  
120 RESEARCH DR.  
STRATFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

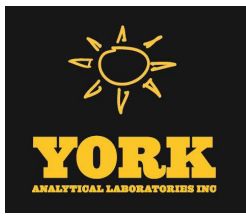
Page 1 of 6

York Project No. 17B0227

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.

<b>YOUR Information</b> Company: <u>Hydro Tech Environmental</u> Address: <u>15 Ocean Ave</u> Phone No. _____ Contact Person: _____ E-Mail Address: _____		<b>Report To:</b> Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>YOUR Project ID</b> <u>150213-886 (3576)</u> <u>Street: Bronx, NY</u> <b>Purchase Order No.</b> <u>1067</u>		<b>Turn-Around Time</b> <input type="checkbox"/> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <b>Standard (5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type</b> <input checked="" type="checkbox"/> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <b>Electronic Data Deliverables (EDD)</b> <input type="checkbox"/> Simple Excel <input checked="" type="checkbox"/> <input type="checkbox"/> NYSDEC EQuIS <input type="checkbox"/> EQuIS (std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other <b>York Regulatory Comparison</b> <input type="checkbox"/> Excel Spreadsheet Compare to the following (legs. please fill in):			
<b>Matrix Codes</b> S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		<b>Volatiles</b> 8260 full TICs Site Spec. STARS list BN Only BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		<b>Semi-Vols. Resuspended</b> 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list Site Spec. SPL Por TCLP TCL list NJDEP list App. IX TCEP BNA SPL Por TCLP		<b>Metals</b> RCRA8 PP13 list TAL CT RCP App. IX Site Spec. SPL Por TCLP Total Dissolved SPL Por TCLP Chloridane 608 Pest 608 PCB		<b>Misc. Org.</b> TPH GRO TPH DRO CT ETPH NY 3 10-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH <b>Indic. Metals</b> LIST Below		<b>Full Lists</b> Pri. Pol. TCL Organs TAL MacCN Full TCLP Full App. IX Part 360 Routine Part 360 Baseline Part 360 Aquatic Part 360 Aquatic Tox. NY CDEP Seve NY SDEC Seve TAGM Silica		<b>Container Description(s)</b> <u>718 oz jar + ferrocur</u>	

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-9 (4'-6')	02/02 9:25am	S	8260 TCL VOCs; 8270 TCL SVOCs;	
SP-9 (6'-8')	9:30am		Pesticides via 8081; PCBs via 8082;	
SP-9 (8'-10')	9:40am		TAL Metals via 8010 P 7471 Mercury;	
SP-9 (10'-12')	9:45			
SP-9 (12'-14')	9:50			
SP-9 (14'-16')	9:55			
SP-8 (2'-4')	10:30			
SP-8 (6'-8')	10:40			
SP-8 (10'-12')	10:45			
SP-8 (12'-14')	10:50			



# Technical Report

prepared for:

## **Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue

Brooklyn NY, 11225

**Attention: AJ Infante**

Report Date: 02/14/2017

**Client Project ID: 150213: 198 E 135th Street, Bronx, NY**

York Project (SDG) No.: 17B0220

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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132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: AJ Infante

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**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 06, 2017 and listed below. The project was identified as your project: **150213: 198 E 135th Street, Bronx, NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17B0220-01	SP-12 (2'-4')	Soil	02/02/2017	02/06/2017
17B0220-02	SP-12 (4'-6')	Soil	02/02/2017	02/06/2017
17B0220-03	SP-12 (6'-8')	Soil	02/02/2017	02/06/2017
17B0220-04	SP-12 (8'-10')	Soil	02/02/2017	02/06/2017
17B0220-05	SP-13 (2'-4')	Soil	02/02/2017	02/06/2017
17B0220-06	SP-13 (4'-6')	Soil	02/02/2017	02/06/2017
17B0220-07	SP-13 (6'-8')	Soil	02/02/2017	02/06/2017
17B0220-08	SP-13 (8'-10')	Soil	02/02/2017	02/06/2017
17B0220-09	SP-14 (2'-4')	Soil	02/02/2017	02/06/2017
17B0220-10	SP-14 (4'-6')	Soil	02/02/2017	02/06/2017
17B0220-11	SP-14 (6'-8')	Soil	02/02/2017	02/06/2017
17B0220-12	SP-14 (8'-10')	Soil	02/02/2017	02/06/2017
17B0220-13	SP-9 (0'-2')	Soil	02/02/2017	02/06/2017
17B0220-14	SP-9 (2'-4')	Soil	02/02/2017	02/06/2017

## **General Notes for York Project (SDG) No.: 17B0220**

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:** SP-12 (2'-4')

**York Sample ID:** 17B0220-01

**York Project (SDG) No.**  
17B0220

**Client Project ID**  
150213: 198 E 135th Street, Bronx, NY

**Matrix**  
Soil

**Collection Date/Time**  
February 2, 2017 12:40 pm

**Date Received**  
02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK



### Sample Information

**Client Sample ID:** SP-12 (2'-4')

**York Sample ID:** 17B0220-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:40 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
67-64-1	Acetone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK



### Sample Information

**Client Sample ID:** SP-12 (2'-4')

**York Sample ID:** 17B0220-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:40 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/08/2017 22:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/08/2017 22:52	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/08/2017 22:52	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/08/2017 22:52	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.0 %			77-125						
2037-26-5	Surrogate: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-12 (2'-4')

**York Sample ID:** 17B0220-01

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 12:40 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/08/2017 22:52	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>251</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR



### Sample Information

**Client Sample ID:** SP-12 (2'-4')

**York Sample ID:** 17B0220-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:40 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
83-32-9	<b>Acenaphthene</b>	<b>1380</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
208-96-8	<b>Acenaphthylene</b>	<b>97.3</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
62-53-3	Aniline	ND		ug/kg dry	185	369	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
120-12-7	<b>Anthracene</b>	<b>2670</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>5140</b>		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 13:36	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>2300</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>4750</b>		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 13:36	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1810</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>3110</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
85-68-7	<b>Benzyl butyl phthalate</b>	<b>48.6</b>	J	ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>1310</b>		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
218-01-9	<b>Chrysene</b>	<b>5750</b>		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 13:36	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	642		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
132-64-9	Dibenzofuran	736		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
206-44-0	Fluoranthene	14900		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 13:36	SR
86-73-7	Fluorene	1320		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1800		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
78-59-1	Isophorone	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
91-20-3	Naphthalene	914		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
85-01-8	Phenanthrene	10600		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 13:36	SR
108-95-2	Phenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
129-00-0	Pyrene	9860		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 13:36	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	185	369	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 20:47	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	55.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	37.0 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	62.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	68.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	46.6 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/10/2017 20:47	SR

**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	02/10/2017 07:22	02/11/2017 22:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
50-29-3	<b>4,4'-DDT</b>	<b>3.58</b>		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.5	36.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	9.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	92.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:52	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	36.2 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	30.7 %			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	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA
11097-69-1	<b>Aroclor 1254</b>	<b>0.0365</b>		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:11	SA





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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	0.0365		mg/kg dry	0.0184	0.0184	1	EPA 8082A	02/10/2017 07:22	02/10/2017 21:11	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %						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	5790		mg/kg dry	5.53	5.53	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	2.08		mg/kg dry	1.11	1.11	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	71.8		mg/kg dry	1.11	1.11	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	0.136		mg/kg dry	0.111	0.111	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	12100		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	12.0		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	6.00		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	43.0		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	12300		mg/kg dry	2.21	2.21	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	87.8		mg/kg dry	0.332	0.332	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	5350		mg/kg dry	5.53	5.53	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	208		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	17.9		mg/kg dry	0.553	0.553	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	1290		mg/kg dry	5.53	5.53	1	EPA 6010C	02/07/2017 11:00	02/07/2017 21:55	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



### Sample Information

**Client Sample ID:** SP-12 (2'-4')

**York Sample ID:** 17B0220-01

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 12:40 pm	<u>Date Received</u> 02/06/2017
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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
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 21:55	KV
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 21:55	KV
7440-23-5	<b>Sodium</b>	<b>220</b>		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 21:55	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 21:55	KV
7440-62-2	<b>Vanadium</b>	<b>17.0</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 21:55	KV
7440-66-6	<b>Zinc</b>	<b>105</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 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	<b>Mercury</b>	<b>0.346</b>		mg/kg dry	0.0332	0.0332	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 12:42	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	<b>* % Solids</b>	<b>90.5</b>		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	0.553	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 12:45 pm	<u>Date Received</u> 02/06/2017
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### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:45 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK



### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:45 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
67-64-1	Acetone	17		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK



### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:45 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 16:31	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 16:31	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	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	02/10/2017 08:30	02/10/2017 16:31	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 16:31	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 16:31	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %			77-125						
2037-26-5	Surrogate: Toluene-d8	93.7 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	116 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

York Project (SDG) No.

Client Project ID

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:45 pm

02/06/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	dimethyl ocane isomer	10	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 16:31	BK
NA	undecane isomer	5.9	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 16:31	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR



### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
120-12-7	<b>Anthracene</b>	<b>203</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>447</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>252</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>308</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>210</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>375</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
85-68-7	<b>Benzyl butyl phthalate</b>	<b>136</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>213</b>		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	474		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
53-70-3	Dibenzo(a,h)anthracene	128		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
206-44-0	Fluoranthene	1100		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
86-73-7	Fluorene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
193-39-5	Indeno(1,2,3-cd)pyrene	178		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
78-59-1	Isophorone	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
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	02/10/2017 07:04	02/10/2017 21:19	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
85-01-8	Phenanthrene	922		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
108-95-2	Phenol	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR





### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	861		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:19	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	41.9 %			20-108						
4165-62-2	Surrogate: Phenol-d5	35.4 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	52.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.5 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	35.7 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/10/2017 21:19	SR

**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	02/10/2017 07:22	02/13/2017 13:18	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
50-29-3	4,4'-DDT	11.3		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 13:18	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	36.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	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
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 13:18	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.09	9.09	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.0	92.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:18	SA
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	30.2 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	28.9 %	GC-SC	30-150							
u											

**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	02/10/2017 07:22	02/10/2017 21:35	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:35	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:35	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:35	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:35	SA
11097-69-1	<b>Aroclor 1254</b>	<b>0.0701</b>		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:35	SA



### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:45 pm

02/06/2017

**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	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:35	SA
1336-36-3	* Total PCBs	0.0701		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	02/10/2017 07:22	02/10/2017 21:35	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	34.5 %						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	2580		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-36-0	Antimony	ND		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-38-2	Arsenic	3.15		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-39-3	Barium	56.2		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.331	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-70-2	Calcium	46600		mg/kg dry	0.551	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-47-3	Chromium	5.68		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-48-4	Cobalt	2.70		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-50-8	Copper	29.3		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7439-89-6	Iron	5510		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7439-92-1	Lead	85.4		mg/kg dry	0.331	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7439-95-4	Magnesium	11700		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7439-96-5	Manganese	138		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-02-0	Nickel	10.5		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV



### Sample Information

**Client Sample ID:** SP-12 (4'-6')

**York Sample ID:** 17B0220-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:45 pm

02/06/2017

**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	625		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-22-4	Silver	ND		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-23-5	Sodium	205		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-62-2	Vanadium	23.4		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	KV
7440-66-6	Zinc	215		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:00	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	0.333		mg/kg dry	0.0331	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 12:51	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	90.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	0.551	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1



### Sample Information

**Client Sample ID:** SP-12 (6'-8')

**York Sample ID:** 17B0220-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:50 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	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	02/10/2017 08:30	02/10/2017 17:03	BK
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	02/10/2017 08:30	02/10/2017 17:03	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	02/10/2017 08:30	02/10/2017 17:03	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	02/10/2017 08:30	02/10/2017 17:03	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	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	02/10/2017 08:30	02/10/2017 17:03	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK



### Sample Information

**Client Sample ID:** SP-12 (6'-8')

**York Sample ID:** 17B0220-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:50 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	9.5		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
67-64-1	Acetone	36		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	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	02/10/2017 08:30	02/10/2017 17:03	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK



### Sample Information

**Client Sample ID:** SP-12 (6'-8')

**York Sample ID:** 17B0220-03

York Project (SDG) No.

Client Project ID

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17B0220

150213: 198 E 135th Street, Bronx, NY

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February 2, 2017 12:50 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
91-20-3	<b>Naphthalene</b>	<b>32</b>		ug/kg dry	3.1	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 17:03	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 17:03	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	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	02/10/2017 08:30	02/10/2017 17:03	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:03	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:03	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.0 %		77-125
2037-26-5	Surrogate: Toluene-d8	103 %		85-120
460-00-4	Surrogate: p-Bromofluorobenzene	134 %	S-08	76-130

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 17:03	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>332</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR





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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
83-32-9	<b>Acenaphthene</b>	<b>587</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
208-96-8	<b>Acenaphthylene</b>	<b>360</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
120-12-7	<b>Anthracene</b>	<b>1950</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>5730</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>4990</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>5580</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>2380</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>5150</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
218-01-9	<b>Chrysene</b>	<b>6490</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>1030</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
132-64-9	<b>Dibenzofuran</b>	<b>587</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
206-44-0	<b>Fluoranthene</b>	<b>12100</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR
86-73-7	<b>Fluorene</b>	<b>819</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>2570</b>		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
78-59-1	Isophorone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
85-01-8	<b>Phenanthrene</b>	<b>6830</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR
108-95-2	Phenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
129-00-0	<b>Pyrene</b>	<b>7870</b>		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:07	SR



### Sample Information

**Client Sample ID:** SP-12 (6'-8')

**York Sample ID:** 17B0220-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:50 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 21:50	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	48.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	27.7 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	61.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.1 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.0 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	30.7 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/10/2017 21:50	SR

**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	02/10/2017 07:22	02/13/2017 13:30	SA
72-55-9	4,4'-DDE	3.78		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
50-29-3	4,4'-DDT	15.3		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 13:30	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	36.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA



### Sample Information

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:50 pm

02/06/2017

**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	02/10/2017 07:22	02/13/2017 13:30	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 13:30	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.08	9.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.9	91.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:30	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	58.1 %	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	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 21:59	SA



### Sample Information

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:50 pm

02/06/2017

**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	0.0183	0.0183	1	EPA 8082A Certifications:	02/10/2017 07:22	02/10/2017 21:59	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %						30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	55.5 %						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	<b>Aluminum</b>	<b>2710</b>		mg/kg dry	5.50	5.50	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-36-0	Antimony	ND		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-38-2	<b>Arsenic</b>	<b>15.8</b>		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-39-3	<b>Barium</b>	<b>135</b>		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-41-7	<b>Beryllium</b>	<b>0.172</b>		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-43-9	<b>Cadmium</b>	<b>0.834</b>		mg/kg dry	0.330	0.330	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-70-2	<b>Calcium</b>	<b>12900</b>		mg/kg dry	0.550	5.50	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-47-3	<b>Chromium</b>	<b>9.57</b>		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-48-4	<b>Cobalt</b>	<b>5.29</b>		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-50-8	<b>Copper</b>	<b>115</b>		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7439-89-6	<b>Iron</b>	<b>27600</b>		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7439-92-1	<b>Lead</b>	<b>306</b>		mg/kg dry	0.330	0.330	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7439-95-4	<b>Magnesium</b>	<b>2960</b>		mg/kg dry	5.50	5.50	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7439-96-5	<b>Manganese</b>	<b>171</b>		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-02-0	<b>Nickel</b>	<b>16.2</b>		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-09-7	<b>Potassium</b>	<b>509</b>		mg/kg dry	5.50	5.50	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV



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02/06/2017

**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	4.45		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-23-5	Sodium	226		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-62-2	Vanadium	37.9		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	KV
7440-66-6	Zinc	293		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:04	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	0.604		mg/kg dry	0.0330	0.0330	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 13:00	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	90.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	0.550	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-12 (8'-10')

**York Sample ID:** 17B0220-04

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 12:55 pm

02/06/2017



### Sample Information

**Client Sample ID:** SP-12 (8'-10')

**York Sample ID:** 17B0220-04

York Project (SDG) No.

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17B0220

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
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	02/10/2017 08:30	02/10/2017 17:34	BK
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	02/10/2017 08:30	02/10/2017 17:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK



### Sample Information

**Client Sample ID:** SP-12 (8'-10')

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17B0220

150213: 198 E 135th Street, Bronx, NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
67-64-1	Acetone	9.5	J	ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK





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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 17:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 17:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 17:34	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 17:34	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.4 %			77-125						
2037-26-5	Surrogate: Toluene-d8	93.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	111 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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02/06/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	alifatic hydrocarbon isomers	17	N	ug/kg dry			1	EPA 8260C	02/10/2017 08:30	02/10/2017 17:34	BK
Certifications:											

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
120-12-7	Anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
218-01-9	Chrysene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
86-73-7	Fluorene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	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	02/10/2017 07:04	02/10/2017 22:21	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
108-95-2	Phenol	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
129-00-0	Pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:21	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	27.6 %			20-108						
4165-62-2	Surrogate: Phenol-d5	22.2 %	S-08		23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	37.4 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	25.5 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	32.3 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	19.7 %	S-08		24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/10/2017 22:21	SR

**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	02/10/2017 07:22	02/11/2017 22:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:37	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %	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	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/10/2017 22:23	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/10/2017 07:22	02/10/2017 22:23	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



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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	51.0 %			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	4500		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-36-0	Antimony	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-39-3	Barium	80.7		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-43-9	Cadmium	1.71		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-70-2	Calcium	10100		mg/kg dry	0.557	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-47-3	Chromium	29.8		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-48-4	Cobalt	51.5		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-50-8	Copper	20.9		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7439-89-6	Iron	226000		mg/kg dry	2230	2230	1000	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/09/2017 00:26	KV
7439-92-1	Lead	35.0		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7439-95-4	Magnesium	1980		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7439-96-5	Manganese	2670		mg/kg dry	557	557	1000	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/09/2017 00:26	KV
7440-02-0	Nickel	49.2		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-09-7	Potassium	235		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7782-49-2	Selenium	21.0		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:09	KV



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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Sodium, Thallium, Vanadium, and Zinc.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids.

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Cyanide, total.

Sample Information

Client Sample ID: SP-13 (2'-4')

York Sample ID: 17B0220-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:10 pm

02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:





### Sample Information

**Client Sample ID:** SP-13 (2'-4')

**York Sample ID:** 17B0220-05

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 1:10 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	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	02/08/2017 16:24	02/09/2017 01:07	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	02/08/2017 16:24	02/09/2017 01:07	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	02/08/2017 16:24	02/09/2017 01:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	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	02/08/2017 16:24	02/09/2017 01:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	81	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK



### Sample Information

**Client Sample ID:** SP-13 (2'-4')

**York Sample ID:** 17B0220-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:10 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
67-64-1	<b>Acetone</b>	<b>28</b>		ug/kg dry	4.0	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	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	02/08/2017 16:24	02/09/2017 01:07	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK



Sample Information

Client Sample ID: SP-13 (2'-4')

York Sample ID: 17B0220-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:10 pm

02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 01:07	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 01:07	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	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	02/08/2017 16:24	02/09/2017 01:07	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 01:07	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 01:07	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	87.6 %
2037-26-5	Surrogate: Toluene-d8	97.4 %
460-00-4	Surrogate: p-Bromofluorobenzene	105 %

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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:** SP-13 (2'-4')

**York Sample ID:** 17B0220-05

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 1:10 pm	<u>Date Received</u> 02/06/2017
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Tentatively Identified Compounds	0.0	ug/kg dry	1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 01:07	BK
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>67.3</b>	J	ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR



### Sample Information

**Client Sample ID:** SP-13 (2'-4')

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.7	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
83-32-9	<b>Acenaphthene</b>	<b>427</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
208-96-8	<b>Acenaphthylene</b>	<b>369</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
62-53-3	Aniline	ND		ug/kg dry	192	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
120-12-7	<b>Anthracene</b>	<b>1530</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>4940</b>		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>4110</b>		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>4880</b>		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>2340</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>4460</b>		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
85-68-7	<b>Benzyl butyl phthalate</b>	<b>51.2</b>	J	ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>161</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
218-01-9	<b>Chrysene</b>	<b>4890</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>1020</b>		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	268		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
206-44-0	Fluoranthene	12800		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
86-73-7	Fluorene	490		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	2310		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
91-20-3	Naphthalene	287		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
85-01-8	Phenanthrene	5900		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
108-95-2	Phenol	ND		ug/kg dry	47.9	95.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR
129-00-0	Pyrene	8500		ug/kg dry	240	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 14:38	SR
110-86-1	Pyridine	ND		ug/kg dry	192	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 22:54	SR



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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>							
367-12-4	Surrogate: 2-Fluorophenol	44.0 %										
4165-62-2	Surrogate: Phenol-d5	39.7 %										
4165-60-0	Surrogate: Nitrobenzene-d5	64.3 %										
321-60-8	Surrogate: 2-Fluorobiphenyl	55.4 %										
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.1 %										
1718-51-0	Surrogate: Terphenyl-d14	38.1 %										

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/10/2017 22:54	SR

**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	02/10/2017 07:22	02/13/2017 13:59	SA
72-55-9	4,4'-DDE	4.58		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
50-29-3	4,4'-DDT	6.29		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 13:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 13:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.46	9.46	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.8	95.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 13:59	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	72.9 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	77.0 %	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	02/10/2017 07:22	02/11/2017 00:47	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 00:47	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 00:47	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 00:47	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 00:47	SA
11097-69-1	<b>Aroclor 1254</b>	<b>0.0404</b>		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 00:47	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 00:47	SA
1336-36-3	<b>* Total PCBs</b>	<b>0.0404</b>		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	02/10/2017 07:22	02/11/2017 00:47	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								





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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	38.0 %			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	<b>Aluminum</b>	<b>4540</b>		mg/kg dry	5.73	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-36-0	Antimony	ND		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-38-2	<b>Arsenic</b>	<b>4.81</b>		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-39-3	<b>Barium</b>	<b>309</b>		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-43-9	<b>Cadmium</b>	<b>0.628</b>		mg/kg dry	0.344	0.344	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-70-2	<b>Calcium</b>	<b>57500</b>		mg/kg dry	0.573	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-47-3	<b>Chromium</b>	<b>13.0</b>		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-48-4	<b>Cobalt</b>	<b>4.96</b>		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-50-8	<b>Copper</b>	<b>75.1</b>		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7439-89-6	<b>Iron</b>	<b>12800</b>		mg/kg dry	2.29	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7439-92-1	<b>Lead</b>	<b>252</b>		mg/kg dry	0.344	0.344	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7439-95-4	<b>Magnesium</b>	<b>16700</b>		mg/kg dry	5.73	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7439-96-5	<b>Manganese</b>	<b>199</b>		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-02-0	<b>Nickel</b>	<b>14.9</b>		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-09-7	<b>Potassium</b>	<b>1060</b>		mg/kg dry	5.73	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-22-4	Silver	ND		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV



### Sample Information

**Client Sample ID:** SP-13 (2'-4')

**York Sample ID:** 17B0220-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:10 pm

02/06/2017

**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	231		mg/kg dry	11.5	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-62-2	Vanadium	27.4		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	KV
7440-66-6	Zinc	271		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:17	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	0.537		mg/kg dry	0.0344	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 13:20	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	87.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.573	0.573	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 1:20 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by 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	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
78-93-3	<b>2-Butanone</b>	<b>4.0</b>	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK



### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

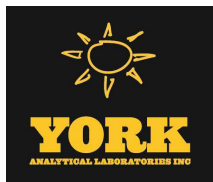
**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
67-64-1	<b>Acetone</b>	<b>28</b>		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	BK



### Sample Information

<b>Client Sample ID:</b> SP-13 (4'-6')	<b>York Sample ID:</b> 17B0220-06			
<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 1:20 pm	<u>Date Received</u> 02/06/2017

#### Volatilic Organics, 8260 List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 18:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 18:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	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	02/10/2017 08:30	02/10/2017 18:06	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:06	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:06	BK

#### **Surrogate Recoveries**

#### **Result**

#### **Acceptance Range**

17060-07-0	<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>91.9 %</i>
2037-26-5	<i>Surrogate: Toluene-d8</i>	<i>98.3 %</i>
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	<i>113 %</i>

#### Volatilic Organics, Tentatively Identified Cmpds.

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 1:20 pm	<u>Date Received</u> 02/06/2017
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Tentatively Identified Compounds	0.0	ug/kg dry	1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 18:06	BK
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	100	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>201</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	100	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR



### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
83-32-9	<b>Acenaphthene</b>	<b>153</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
208-96-8	<b>Acenaphthylene</b>	<b>98.0</b>	J	ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
62-53-3	Aniline	ND		ug/kg dry	201	402	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
120-12-7	<b>Anthracene</b>	<b>576</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>1310</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>1200</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>1370</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>689</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>1200</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>308</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
218-01-9	<b>Chrysene</b>	<b>1590</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>395</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR



### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

York Project (SDG) No.

Client Project ID

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
84-74-2	<b>Di-n-butyl phthalate</b>	<b>119</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
206-44-0	<b>Fluoranthene</b>	<b>3790</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
86-73-7	<b>Fluorene</b>	<b>148</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>663</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
78-59-1	Isophorone	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
91-20-3	<b>Naphthalene</b>	<b>170</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
85-01-8	<b>Phenanthrene</b>	<b>1850</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
108-95-2	Phenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
129-00-0	<b>Pyrene</b>	<b>2700</b>		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
110-86-1	Pyridine	ND		ug/kg dry	201	402	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:25	SR
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	<i>Surrogate: 2-Fluorophenol</i>	42.5 %		20-108							





Sample Information

Client Sample ID: SP-13 (4'-6')

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150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Surrogate: Phenol-d5, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, and Terphenyl-d14.

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Tentatively Identified Compounds, 0.00, ug/kg dry, 2, EPA 8270D, 02/10/2017 07:04, 02/10/2017 23:25, SR.

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, Chlordane, total, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, and Endrin.



### Sample Information

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February 2, 2017 1:20 pm

02/06/2017

**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	1.99	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 14:12	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.94	9.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 14:12	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	65.3 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	76.2 %	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	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
12672-29-6	<b>Aroclor 1248</b>	<b>0.0817</b>		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 05:13	SA
1336-36-3	<b>* Total PCBs</b>	<b>0.189</b>	PCB-Tot	mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	02/10/2017 07:22	02/11/2017 05:13	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %	30-140								



### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

**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
7429-90-5	Aluminum	3680		mg/kg dry	6.02	6.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-36-0	Antimony	6.54		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-38-2	Arsenic	10.3		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-39-3	Barium	809		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-41-7	Beryllium	0.248		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-43-9	Cadmium	2.61		mg/kg dry	0.361	0.361	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-70-2	Calcium	4150		mg/kg dry	0.602	6.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-47-3	Chromium	26.7		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-48-4	Cobalt	12.1		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-50-8	Copper	175		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7439-89-6	Iron	49400		mg/kg dry	241	241	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/09/2017 00:31	KV
7439-92-1	Lead	754		mg/kg dry	0.361	0.361	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7439-95-4	Magnesium	1300		mg/kg dry	6.02	6.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7439-96-5	Manganese	282		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-02-0	Nickel	57.4		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-09-7	Potassium	426		mg/kg dry	6.02	6.02	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7782-49-2	Selenium	5.65		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-22-4	Silver	ND		mg/kg dry	0.602	0.602	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-23-5	Sodium	268		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV
7440-62-2	Vanadium	213		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:21	KV



### Sample Information

**Client Sample ID:** SP-13 (4'-6')

**York Sample ID:** 17B0220-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:20 pm

02/06/2017

**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
7440-66-6	Zinc	20600		mg/kg dry	120	120	100	EPA 6010C	02/07/2017 11:00	02/09/2017 00:31	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	0.812		mg/kg dry	0.0361	0.0361	1	EPA 7473	02/08/2017 06:15	02/08/2017 13:33	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	83.0		%	0.100	0.100	1	SM 2540G	02/10/2017 10:02	02/10/2017 13:39	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.602	0.602	1	EPA 9014/9010C	02/14/2017 10:28	02/14/2017 18:36	DM1
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		

### Sample Information

**Client Sample ID:** SP-13 (6'-8')

**York Sample ID:** 17B0220-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:25 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	02/08/2017 16:24	02/09/2017 02:15	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	02/08/2017 16:24	02/09/2017 02:15	BK
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		



### Sample Information

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Client Project ID

Matrix

Collection Date/Time

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:25 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	72	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
78-93-3	<b>2-Butanone</b>	<b>6.5</b>		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK



### Sample Information

**Client Sample ID:** SP-13 (6'-8')

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York Project (SDG) No.

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:25 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
67-64-1	Acetone	42		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
108-86-1	Bromobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK



### Sample Information

**Client Sample ID:** SP-13 (6'-8')

**York Sample ID:** 17B0220-07

York Project (SDG) No.

Client Project ID

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17B0220

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	1.8	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 02:15	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 02:15	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:15	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:15	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.3 %
2037-26-5	Surrogate: Toluene-d8	100 %
460-00-4	Surrogate: p-Bromofluorobenzene	108 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

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**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	alifatic hydrocarbon isomers	9.0	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 02:15	BK
NA	methyl propanol isomer	21	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 02:15	BK
NA	trimethyl Decane isomer	9.6	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 02:15	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.3	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.3	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.3	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.3	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.3	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.3	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
120-12-7	<b>Anthracene</b>	<b>52.4</b>	J	ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>118</b>		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
218-01-9	<b>Chrysene</b>	<b>119</b>		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
206-44-0	<b>Fluoranthene</b>	<b>403</b>		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
86-73-7	Fluorene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
78-59-1	Isophorone	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR



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**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	166		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
108-95-2	Phenol	ND		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
129-00-0	Pyrene	307		ug/kg dry	46.3	92.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
110-86-1	Pyridine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/10/2017 23:57	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	35.6 %			20-108						
4165-62-2	Surrogate: Phenol-d5	38.0 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	59.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	44.2 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/10/2017 23:57	SR

**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	02/10/2017 07:22	02/11/2017 01:33	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 01:33	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.5	36.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA



### Sample Information

**Client Sample ID:** SP-13 (6'-8')

**York Sample ID:** 17B0220-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:25 pm

02/06/2017

**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	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 01:33	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.13	9.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.4	92.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 01:33	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	40.2 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	31.9 %	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	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA



### Sample Information

**Client Sample ID:** SP-13 (6'-8')

**York Sample ID:** 17B0220-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:25 pm

02/06/2017

**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	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 04:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	02/10/2017 07:22	02/11/2017 04:00	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	60.0 %	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	<b>Aluminum</b>	<b>2950</b>		mg/kg dry	5.53	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-36-0	Antimony	ND		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-38-2	<b>Arsenic</b>	<b>7.32</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-39-3	<b>Barium</b>	<b>25.1</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-43-9	<b>Cadmium</b>	<b>0.592</b>		mg/kg dry	0.332	0.332	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-70-2	<b>Calcium</b>	<b>1580</b>		mg/kg dry	0.553	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-47-3	<b>Chromium</b>	<b>12.3</b>		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-48-4	<b>Cobalt</b>	<b>25.8</b>		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-50-8	<b>Copper</b>	<b>395</b>		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7439-89-6	<b>Iron</b>	<b>102000</b>		mg/kg dry	221	221	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/09/2017 00:36	KV
7439-92-1	<b>Lead</b>	<b>39.4</b>		mg/kg dry	0.332	0.332	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7439-95-4	<b>Magnesium</b>	<b>362</b>		mg/kg dry	5.53	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV



### Sample Information

**Client Sample ID:** SP-13 (6'-8')

**York Sample ID:** 17B0220-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:25 pm

02/06/2017

**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	602		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-02-0	Nickel	42.7		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-09-7	Potassium	291		mg/kg dry	5.53	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7782-49-2	Selenium	11.0		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-23-5	Sodium	119		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-62-2	Vanadium	50.2		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	KV
7440-66-6	Zinc	815		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:29	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	0.121		mg/kg dry	0.0332	0.0332	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 13:45	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	90.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	0.553	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1



### Sample Information

**Client Sample ID:** SP-13 (8'-10')

**York Sample ID:** 17B0220-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 1:35 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
67-64-1	Acetone	27		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK





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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 02:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 02:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	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	02/08/2017 16:24	02/09/2017 02:49	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 02:49	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 02:49	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.7 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 02:49	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
83-32-9	Acenaphthene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
62-53-3	Aniline	ND		ug/kg dry	203	405	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
120-12-7	Anthracene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>92.2</b>	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
218-01-9	<b>Chrysene</b>	<b>137</b>		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR



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17B0220

150213: 198 E 135th Street, Bronx, NY

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February 2, 2017 1:35 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
206-44-0	<b>Fluoranthene</b>	<b>233</b>		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
86-73-7	Fluorene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
78-59-1	Isophorone	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
85-01-8	<b>Phenanthrene</b>	<b>94.6</b>	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
108-95-2	Phenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
129-00-0	<b>Pyrene</b>	<b>180</b>		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	203	405	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 00:29	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	29.5 %			20-108						
4165-62-2	Surrogate: Phenol-d5	24.0 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	43.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	34.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	42.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	39.9 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/11/2017 00:29	SR

**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	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 21:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.0	40.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 21:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 21:37	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	36.6 %	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	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 03:38	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications:	02/10/2017 07:22	02/12/2017 03:38	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



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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	45.5 %			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	5130		mg/kg dry	6.06	6.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-36-0	Antimony	ND		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-39-3	Barium	48.1		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.364	0.364	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-70-2	Calcium	2060		mg/kg dry	0.606	6.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-47-3	Chromium	7.19		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-48-4	Cobalt	13.4		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-50-8	Copper	10.2		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7439-89-6	Iron	71900		mg/kg dry	243	243	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/09/2017 00:41	KV
7439-92-1	Lead	55.5		mg/kg dry	0.364	0.364	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7439-95-4	Magnesium	920		mg/kg dry	6.06	6.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7439-96-5	Manganese	324		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-02-0	Nickel	16.7		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-09-7	Potassium	507		mg/kg dry	6.06	6.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7782-49-2	Selenium	9.75		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-22-4	Silver	ND		mg/kg dry	0.606	0.606	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	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
7440-23-5	Sodium	199		mg/kg dry	12.1	12.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-62-2	Vanadium	21.1		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	KV
7440-66-6	Zinc	199		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:37	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	0.0828		mg/kg dry	0.0364	0.0364	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 13:53	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	82.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.606	0.606	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

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Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:00 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:00 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by 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	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	82	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK



### Sample Information

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York Project (SDG) No.

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Soil

February 2, 2017 2:00 pm

02/06/2017

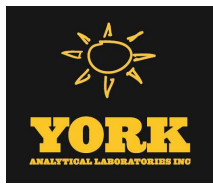
**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
67-64-1	<b>Acetone</b>	<b>32</b>		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
71-43-2	Benzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
108-86-1	Bromobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
75-25-2	Bromoform	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
67-66-3	Chloroform	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 18:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 18:39	BK



Sample Information

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Soil

February 2, 2017 2:00 pm

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Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Methylene chloride, Naphthalene, n-Butylbenzene, etc.

Surrogate Recoveries

Result

Acceptance Range

Table with 3 columns: Surrogate name, Result, Acceptance Range. Includes 1,2-Dichloroethane-d4, Toluene-d8, p-Bromofluorobenzene.

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes address and contact info for York Analytical Laboratories.



### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:00 pm	<u>Date Received</u> 02/06/2017
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Tentatively Identified Compounds	0.0	ug/kg dry	1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 18:39	BK
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR



### Sample Information

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Soil

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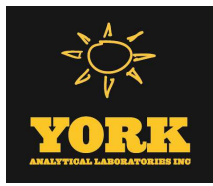
**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
83-32-9	<b>Acenaphthene</b>	<b>257</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
208-96-8	<b>Acenaphthylene</b>	<b>340</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
62-53-3	Aniline	ND		ug/kg dry	197	393	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
120-12-7	<b>Anthracene</b>	<b>944</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>2420</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>2560</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>3240</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1810</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2750</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
85-68-7	<b>Benzyl butyl phthalate</b>	<b>235</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>5810</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
218-01-9	<b>Chrysene</b>	<b>2990</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>714</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:00	SR



Sample Information

Client Sample ID: SP-14 (2'-4')

York Sample ID: 17B0220-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:00 pm

02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like Dibenzofuran, Diethyl phthalate, etc.



### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

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Client Project ID

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17B0220

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: 2-Fluorophenol	40.7 %			20	108					
4165-62-2	Surrogate: Phenol-d5	31.7 %			23	114					
4165-60-0	Surrogate: Nitrobenzene-d5	60.2 %			22	108					
321-60-8	Surrogate: 2-Fluorobiphenyl	49.2 %			21	113					
118-79-6	Surrogate: 2,4,6-Tribromophenol	47.0 %			19	110					
1718-51-0	Surrogate: Terphenyl-d14	43.6 %			24	116					

**Semi-Volatiles, Tentatively Identified Cmpds.**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/11/2017 01:00	SR

**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	<b>4,4'-DDD</b>	<b>4.57</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
72-55-9	<b>4,4'-DDE</b>	<b>12.3</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
50-29-3	<b>4,4'-DDT</b>	<b>23.5</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
5103-71-9	<b>alpha-Chlordane</b>	<b>4.40</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 23:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.8	38.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
60-57-1	<b>Dieldrin</b>	<b>6.31</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA



### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:00 pm

02/06/2017

**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	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
5566-34-7	<b>gamma-Chlordane</b>	<b>4.42</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 23:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.71	9.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	98.3	98.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:07	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	32.1 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	3.16 %	GC-SC		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	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:02	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications:	02/10/2017 07:22	02/12/2017 04:02	SA





### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:00 pm

02/06/2017

**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
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	51.0 %									
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %									

**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	<b>Aluminum</b>	<b>3850</b>		mg/kg dry	5.89	5.89	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-36-0	Antimony	ND		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-38-2	<b>Arsenic</b>	<b>2.65</b>		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-39-3	<b>Barium</b>	<b>1010</b>		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-43-9	<b>Cadmium</b>	<b>0.921</b>		mg/kg dry	0.353	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-70-2	<b>Calcium</b>	<b>42500</b>		mg/kg dry	0.589	5.89	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-47-3	<b>Chromium</b>	<b>13.9</b>		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-48-4	<b>Cobalt</b>	<b>4.94</b>		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-50-8	<b>Copper</b>	<b>43.7</b>		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7439-89-6	<b>Iron</b>	<b>8200</b>		mg/kg dry	2.35	2.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7439-92-1	<b>Lead</b>	<b>869</b>		mg/kg dry	0.353	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7439-95-4	<b>Magnesium</b>	<b>6470</b>		mg/kg dry	5.89	5.89	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7439-96-5	<b>Manganese</b>	<b>121</b>		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-02-0	<b>Nickel</b>	<b>12.4</b>		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-09-7	<b>Potassium</b>	<b>729</b>		mg/kg dry	5.89	5.89	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV



### Sample Information

**Client Sample ID:** SP-14 (2'-4')

**York Sample ID:** 17B0220-09

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:00 pm	<u>Date Received</u> 02/06/2017
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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	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-23-5	Sodium	311		mg/kg dry	11.8	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-62-2	Vanadium	25.2		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	KV
7440-66-6	Zinc	617		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 22:44	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	0.556		mg/kg dry	0.0353	0.0353	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 14:02	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	84.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	0.589	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-14 (4'-6')

**York Sample ID:** 17B0220-10

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:10 pm	<u>Date Received</u> 02/06/2017
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### Sample Information

**Client Sample ID:** SP-14 (4'-6')

**York Sample ID:** 17B0220-10

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:10 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>14</b>		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>5.5</b>		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK



### Sample Information

**Client Sample ID:** SP-14 (4'-6')

**York Sample ID:** 17B0220-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:10 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	8.0		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
67-64-1	Acetone	ND		ug/kg dry	490	970	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/13/2017 14:38	BK
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK



### Sample Information

**Client Sample ID:** SP-14 (4'-6')

**York Sample ID:** 17B0220-10

York Project (SDG) No.

Client Project ID

Matrix

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:10 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
91-20-3	Naphthalene	ND		ug/kg dry	240	970	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/13/2017 14:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
95-47-6	<b>o-Xylene</b>	<b>2.7</b>	J	ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 03:56	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 03:56	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 03:56	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 03:56	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.6 %
2037-26-5	Surrogate: Toluene-d8	105 %
460-00-4	Surrogate: p-Bromofluorobenzene	106 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-14 (4'-6')

**York Sample ID:** 17B0220-10

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:10 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	alkyl benzene isomers	66	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 03:56	BK
105-05-5	p-Diethylbenzene	6.1	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 03:56	BK
622-96-8	p-Ethyltoluene	5.4	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 03:56	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
91-57-6	2-Methylnaphthalene	156		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR



Sample Information

Client Sample ID: SP-14 (4'-6')

York Sample ID: 17B0220-10

York Project (SDG) No.

Client Project ID

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150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:10 pm

02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	104	208	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
83-32-9	Acenaphthene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
62-53-3	Aniline	ND		ug/kg dry	208	416	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
120-12-7	<b>Anthracene</b>	<b>818</b>		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>2150</b>		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>1520</b>		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>1210</b>		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>853</b>		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>1650</b>		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
85-68-7	<b>Benzyl butyl phthalate</b>	<b>95.5</b>	J	ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR



Sample Information

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York Project (SDG) No.

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150213: 198 E 135th Street, Bronx, NY

Soil

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02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like Bis(2-ethylhexyl)phthalate, Chrysene, Dibenzo(a,h)anthracene, etc.





### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
129-00-0	Pyrene	3900		ug/kg dry	52.1	104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
110-86-1	Pyridine	ND		ug/kg dry	208	416	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 01:33	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	36.5 %			20-108						
4165-62-2	Surrogate: Phenol-d5	12.3 %	IS-01		23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	72.6 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	63.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.7 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	56.7 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/11/2017 01:33	SR

**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	12.4		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
72-55-9	4,4'-DDE	15.0		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
50-29-3	4,4'-DDT	18.5		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
309-00-2	Aldrin	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
5103-71-9	alpha-Chlordane	3.02		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 12:50	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
57-74-9	Chlordane, total	ND		ug/kg dry	41.1	41.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	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
60-57-1	Dieldrin	2.41		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
72-20-8	Endrin	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/13/2017 12:50	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.06	2.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	10.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
8001-35-2	Toxaphene	ND		ug/kg dry	104	104	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/13/2017 12:50	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	58.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	53.8 %	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	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA



### Sample Information

**Client Sample ID:** SP-14 (4'-6')

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150213: 198 E 135th Street, Bronx, NY

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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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:26	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0208	0.0208	1	EPA 8082A Certifications:	02/10/2017 07:22	02/12/2017 04:26	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	33.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	33.5 %	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	4730		mg/kg dry	6.23	6.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-36-0	Antimony	ND		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-38-2	Arsenic	3.93		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-39-3	Barium	344		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.125	0.125	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-43-9	Cadmium	1.75		mg/kg dry	0.374	0.374	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-70-2	Calcium	22800		mg/kg dry	0.623	6.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-47-3	Chromium	18.6		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-48-4	Cobalt	5.35		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-50-8	Copper	116		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7439-89-6	Iron	14200		mg/kg dry	2.49	2.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7439-92-1	Lead	541		mg/kg dry	0.374	0.374	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7439-95-4	Magnesium	3530		mg/kg dry	6.23	6.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7439-96-5	Manganese	125		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	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
7440-02-0	Nickel	32.0		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-09-7	Potassium	575		mg/kg dry	6.23	6.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7782-49-2	Selenium	1.74		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-22-4	Silver	ND		mg/kg dry	0.623	0.623	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-23-5	Sodium	240		mg/kg dry	12.5	12.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-28-0	Thallium	ND		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-62-2	Vanadium	95.7		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	KV
7440-66-6	Zinc	495		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:05	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	0.750		mg/kg dry	0.0374	0.0374	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 14:15	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	80.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.623	0.623	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1



### Sample Information

**Client Sample ID:** SP-14 (6'-8')

**York Sample ID:** 17B0220-11

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17B0220

150213: 198 E 135th Street, Bronx, NY

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK



### Sample Information

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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	3.8	J	ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
67-64-1	Acetone	30		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK



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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
91-20-3	<b>Naphthalene</b>	<b>27</b>	B	ug/kg dry	2.3	9.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 04:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 04:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 04:30	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 04:30	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.4 %
2037-26-5	Surrogate: Toluene-d8	101 %
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	alkyl cyclohexane isomer	8.0	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 04:30	BK
NA	decene isomer	9.4	N	ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 04:30	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	99.1	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.1	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR





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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.1	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	99.1	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.1	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	99.1	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
62-53-3	Aniline	ND		ug/kg dry	198	397	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
120-12-7	Anthracene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>95.1</b>	<b>J</b>	ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR



### Sample Information

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17B0220

150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	<b>Chrysene</b>	<b>84.8</b>	J	ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
206-44-0	<b>Fluoranthene</b>	<b>208</b>		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
86-73-7	Fluorene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
78-59-1	Isophorone	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
85-01-8	Phenanthrene	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
108-95-2	Phenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR



### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	145		ug/kg dry	49.7	99.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
110-86-1	Pyridine	ND		ug/kg dry	198	397	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:04	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	33.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	22.6 %	IS-01		23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	42.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	%	IS-01		21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	40.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	41.9 %			24-116						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/11/2017 02:04	SR

**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	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
309-00-2	Aldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2017 07:11	02/08/2017 19:43	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.2	39.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 19:43	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor, Heptachlor epoxide, Methoxychlor, Toxaphene, and Surrogate Recoveries.

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, and Aroclor 1254.



### 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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/07/2017 07:11	02/08/2017 21:38	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A Certifications:	02/07/2017 07:11	02/08/2017 21:38	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %						30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %						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	<b>Aluminum</b>	<b>5160</b>		mg/kg dry	5.94	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-36-0	Antimony	ND		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.19	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-39-3	<b>Barium</b>	<b>33.2</b>		mg/kg dry	1.19	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.357	0.357	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-70-2	<b>Calcium</b>	<b>3680</b>		mg/kg dry	0.594	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-47-3	<b>Chromium</b>	<b>11.3</b>		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-48-4	<b>Cobalt</b>	<b>14.0</b>		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-50-8	<b>Copper</b>	<b>160</b>		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7439-89-6	<b>Iron</b>	<b>41600</b>		mg/kg dry	238	238	100	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/09/2017 00:46	KV
7439-92-1	<b>Lead</b>	<b>1020</b>		mg/kg dry	0.357	0.357	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7439-95-4	<b>Magnesium</b>	<b>2040</b>		mg/kg dry	5.94	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7439-96-5	<b>Manganese</b>	<b>369</b>		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-02-0	<b>Nickel</b>	<b>22.3</b>		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	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
7440-09-7	Potassium	631		mg/kg dry	5.94	5.94	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7782-49-2	Selenium	5.09		mg/kg dry	1.19	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-22-4	Silver	ND		mg/kg dry	0.594	0.594	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-23-5	Sodium	199		mg/kg dry	11.9	11.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-62-2	Vanadium	24.3		mg/kg dry	1.19	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	KV
7440-66-6	Zinc	82.4		mg/kg dry	1.19	1.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:10	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	0.341		mg/kg dry	0.0357	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 14:27	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	84.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.594	0.594	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1



### Sample Information

**Client Sample ID:** SP-14 (8'-10')

**York Sample ID:** 17B0220-12

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	82	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK



## Sample Information

**Client Sample ID:** SP-14 (8'-10')

**York Sample ID:** 17B0220-12

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	3.6	J	ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
67-64-1	Acetone	32		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK





### Sample Information

**Client Sample ID:** SP-14 (8'-10')

**York Sample ID:** 17B0220-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:20 pm

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 19:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 19:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
98-06-6	<b>tert-Butylbenzene</b>	<b>4.5</b>		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:11	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:11	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.5 %
2037-26-5	Surrogate: Toluene-d8	89.4 %
460-00-4	Surrogate: p-Bromofluorobenzene	108 %

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-14 (8'-10')

**York Sample ID:** 17B0220-12

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:20 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
527-53-7	1,2,4,5-Tetramethylbenzene	6.2	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	alkyl cyclohexane isomers	240	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	alkyl naphthalene isomers	71	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	alkyloctane isomers	74	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	decene isomer	78	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	dodecanol isomer	45	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	indene isomer	31	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	octenal isomer	53	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK
NA	trimethyl nonene isomer	45	N	ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:11	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR



## Sample Information

**Client Sample ID:** SP-14 (8'-10')

**York Sample ID:** 17B0220-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 2:20 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
83-32-9	<b>Acenaphthene</b>	<b>626</b>		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
62-53-3	Aniline	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
120-12-7	Anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>297</b>		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR



Sample Information

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150213: 198 E 135th Street, Bronx, NY

Soil

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02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various compounds like Benzo(k)fluoranthene, Benzyl alcohol, etc.



**Sample Information**

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
108-95-2	Phenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
129-00-0	<b>Pyrene</b>	<b>640</b>		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
110-86-1	Pyridine	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 02:34	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: 2-Fluorophenol	24.2 %		20-108							
4165-62-2	Surrogate: Phenol-d5	27.2 %		23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	190 %	IS-01	22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	49.9 %		21-113							
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.2 %		19-110							
1718-51-0	Surrogate: Terphenyl-d14	25.4 %		24-116							

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/11/2017 02:34	SR

**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	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	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
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.1	40.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:07	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	30.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	26.6 %	GC-SC		30-150						

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

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**York Sample ID:** 17B0220-12

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:20 pm	<u>Date Received</u> 02/06/2017
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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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 04:51	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A Certifications:	02/10/2017 07:22	02/12/2017 04:51	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	37.0 %	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	<b>Aluminum</b>	<b>4480</b>		mg/kg dry	6.07	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-36-0	Antimony	ND		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-39-3	<b>Barium</b>	<b>18.3</b>		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-41-7	<b>Beryllium</b>	<b>0.138</b>		mg/kg dry	0.121	0.121	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.364	0.364	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-70-2	<b>Calcium</b>	<b>1750</b>		mg/kg dry	0.607	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-47-3	<b>Chromium</b>	<b>6.30</b>		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-48-4	<b>Cobalt</b>	<b>3.34</b>		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-50-8	<b>Copper</b>	<b>4.17</b>		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	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
7439-89-6	<b>Iron</b>	<b>7830</b>		mg/kg dry	2.43	2.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7439-92-1	<b>Lead</b>	<b>3.82</b>		mg/kg dry	0.364	0.364	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7439-95-4	<b>Magnesium</b>	<b>1590</b>		mg/kg dry	6.07	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7439-96-5	<b>Manganese</b>	<b>126</b>		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-02-0	<b>Nickel</b>	<b>7.72</b>		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-09-7	<b>Potassium</b>	<b>483</b>		mg/kg dry	6.07	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7782-49-2	Selenium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-22-4	Silver	ND		mg/kg dry	0.607	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-23-5	<b>Sodium</b>	<b>115</b>		mg/kg dry	12.1	12.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-62-2	<b>Vanadium</b>	<b>8.12</b>		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	KV
7440-66-6	<b>Zinc</b>	<b>15.6</b>		mg/kg dry	1.21	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:18	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	ND		mg/kg dry	0.0364	0.0364	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 14:35	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	<b>82.3</b>		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:02	02/10/2017 13:39	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SP-14 (8'-10')

**York Sample ID:** 17B0220-12

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 2:20 pm	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.607	0.607	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:10 am	<u>Date Received</u> 02/06/2017
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### Volatile Organics, 8260 List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK



### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:10 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
67-64-1	<b>Acetone</b>	<b>20</b>		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK



### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:10 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
91-20-3	<b>Naphthalene</b>	<b>4.9</b>	J, B	ug/kg dry	2.4	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 05:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/08/2017 16:24	02/09/2017 05:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK



### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:10 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/08/2017 16:24	02/09/2017 05:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 16:24	02/09/2017 05:38	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: Toluene-d8	97.6 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	112 %			76-130						

**Volatile Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/08/2017 16:24	02/09/2017 05:38	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR



### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

York Project (SDG) No.

Client Project ID

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>2670</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
83-32-9	Acenaphthene	ND		ug/kg dry	4660	9290	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 17:06	KH
208-96-8	<b>Acenaphthylene</b>	<b>258</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
120-12-7	<b>Anthracene</b>	<b>13500</b>		ug/kg dry	4660	9290	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 17:06	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>8350</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	<b>Benzo(a)pyrene</b>	<b>6920</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>8030</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>11800</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>7060</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>9220</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
218-01-9	<b>Chrysene</b>	<b>9980</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>6520</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
132-64-9	<b>Dibenzofuran</b>	<b>7730</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
206-44-0	<b>Fluoranthene</b>	<b>24700</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
86-73-7	<b>Fluorene</b>	<b>13800</b>		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR



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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	11400		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
78-59-1	Isophorone	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
91-20-3	Naphthalene	7830		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
85-01-8	Phenanthrene	36000		ug/kg dry	4660	9290	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/13/2017 17:06	KH
108-95-2	Phenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
129-00-0	Pyrene	22100		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR
110-86-1	Pyridine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:38	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	43.2 %			20-108
4165-62-2	Surrogate: Phenol-d5	17.6 %	S-08		23-114
4165-60-0	Surrogate: Nitrobenzene-d5	61.8 %			22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	57.0 %			21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	27.0 %			19-110
1718-51-0	Surrogate: Terphenyl-d14	33.1 %			24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			200	EPA 8270D Certifications:	02/10/2017 07:04	02/13/2017 17:06	KH

**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
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### 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
50-29-3	<b>4,4'-DDT</b>	<b>7.50</b>		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 23:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 23:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.19	9.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.0	93.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 23:22	SA

Surrogate Recoveries

Result

Acceptance Range





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February 2, 2017 9:10 am

02/06/2017

**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	30.2 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	8.76 %	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	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
11097-69-1	<b>Aroclor 1254</b>	<b>0.0887</b>		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:15	SA
1336-36-3	<b>* Total PCBs</b>	<b>0.0887</b>		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/10/2017 07:22	02/12/2017 05:15	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	44.0 %			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	<b>Aluminum</b>	<b>5430</b>		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-36-0	Antimony	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-38-2	<b>Arsenic</b>	<b>2.45</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-39-3	<b>Barium</b>	<b>395</b>		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV



### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:10 am

02/06/2017

**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	0.538		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-70-2	Calcium	21100		mg/kg dry	0.557	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-47-3	Chromium	14.8		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-48-4	Cobalt	5.55		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-50-8	Copper	89.9		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7439-89-6	Iron	14200		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7439-92-1	Lead	208		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7439-95-4	Magnesium	5410		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7439-96-5	Manganese	238		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-02-0	Nickel	16.2		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-09-7	Potassium	1330		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-23-5	Sodium	291		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-62-2	Vanadium	29.0		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	KV
7440-66-6	Zinc	274		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:22	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	0.435		mg/kg dry	0.0334	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/08/2017 06:15	02/08/2017 14:44	ALD



### Sample Information

**Client Sample ID:** SP-9 (0'-2')

**York Sample ID:** 17B0220-13

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:10 am	<u>Date Received</u> 02/06/2017
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**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/10/2017 10:04	02/10/2017 13:45	TAJ

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	0.557	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 10:28	02/14/2017 18:36	DM1

### Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:15 am	<u>Date Received</u> 02/06/2017
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK



Sample Information

Client Sample ID: SP-9 (2'-4')

York Sample ID: 17B0220-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. It lists various chemical compounds and their detection results.



## Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
91-20-3	Naphthalene	ND		ug/kg dry	1.8	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 19:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/10/2017 08:30	02/10/2017 19:43	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK



### Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**Volatil Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/10/2017 08:30	02/10/2017 19:43	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 08:30	02/10/2017 19:43	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %			77-125						
2037-26-5	Surrogate: Toluene-d8	94.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	110 %			76-130						

**Volatil Organics, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	02/10/2017 08:30	02/10/2017 19:43	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR



### Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

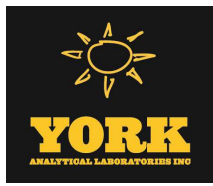
**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.9	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.9	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.9	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.9	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.9	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.9	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR



### Sample Information

**Client Sample ID:** SP-9 (2'-4')

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150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
208-96-8	Acenaphthylene	63.0	J	ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
62-53-3	Aniline	ND		ug/kg dry	190	380	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
120-12-7	Anthracene	317		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
56-55-3	Benzo(a)anthracene	1090		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
50-32-8	Benzo(a)pyrene	978		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
205-99-2	Benzo(b)fluoranthene	1160		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
191-24-2	Benzo(g,h,i)perylene	629		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
207-08-9	Benzo(k)fluoranthene	859		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
85-68-7	Benzyl butyl phthalate	108		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	219		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
218-01-9	Chrysene	1180		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
53-70-3	Dibenzo(a,h)anthracene	235		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR





### Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

York Project (SDG) No.

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	2530		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
86-73-7	Fluorene	93.3	J	ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	605		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
78-59-1	Isophorone	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
85-01-8	Phenanthrene	1150		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
108-95-2	Phenol	ND		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
129-00-0	Pyrene	2020		ug/kg dry	47.6	94.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR
110-86-1	Pyridine	ND		ug/kg dry	190	380	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:04	02/11/2017 03:06	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	38.4 %	20-108
4165-62-2	Surrogate: Phenol-d5	23.0 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	56.8 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	44.2 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.5 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	42.5 %	24-116

**Semi-Volatiles, Tentatively Identified Cmpds.**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

<u>York Project (SDG) No.</u> 17B0220	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 2, 2017 9:15 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/10/2017 07:04	02/11/2017 03:06	SR

**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	02/10/2017 07:22	02/11/2017 22:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/10/2017 07:22	02/11/2017 22:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA



### Sample Information

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**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
72-43-5	Methoxychlor	ND		ug/kg dry	9.39	9.39	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.0	95.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:22	02/11/2017 22:22	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	35.6 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	35.1 %			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	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:22	02/12/2017 05:39	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	02/10/2017 07:22	02/12/2017 05:39	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.5 %			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	6270		mg/kg dry	5.69	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-36-0	Antimony	ND		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-38-2	Arsenic	3.06		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV



### Sample Information

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**York Sample ID:** 17B0220-14

York Project (SDG) No.

Client Project ID

Matrix

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17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**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	<b>Barium</b>	<b>144</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-70-2	<b>Calcium</b>	<b>17200</b>		mg/kg dry	0.569	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-47-3	<b>Chromium</b>	<b>14.1</b>		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-48-4	<b>Cobalt</b>	<b>6.66</b>		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-50-8	<b>Copper</b>	<b>79.6</b>		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7439-89-6	<b>Iron</b>	<b>16000</b>		mg/kg dry	2.28	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7439-92-1	<b>Lead</b>	<b>119</b>		mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7439-95-4	<b>Magnesium</b>	<b>7850</b>		mg/kg dry	5.69	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7439-96-5	<b>Manganese</b>	<b>211</b>		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-02-0	<b>Nickel</b>	<b>18.6</b>		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-09-7	<b>Potassium</b>	<b>1640</b>		mg/kg dry	5.69	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-22-4	Silver	ND		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-23-5	<b>Sodium</b>	<b>242</b>		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-62-2	<b>Vanadium</b>	<b>23.7</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	KV
7440-66-6	<b>Zinc</b>	<b>151</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2017 11:00	02/07/2017 23:27	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
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**Sample Information**

**Client Sample ID:** SP-9 (2'-4')

**York Sample ID:** 17B0220-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0220

150213: 198 E 135th Street, Bronx, NY

Soil

February 2, 2017 9:15 am

02/06/2017

**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	0.374		mg/kg dry	0.0341	0.0341	1	EPA 7473	02/08/2017 06:15	02/08/2017 14:53	ALD
Certifications:									CTDOH,NJDEP,NELAC-NY10854,PADEP		

**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.9		%	0.100	0.100	1	SM 2540G	02/10/2017 10:04	02/10/2017 13:45	TAJ
Certifications:									CTDOH		

**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	0.569	1	EPA 9014/9010C	02/14/2017 10:28	02/14/2017 18:36	DM1
Certifications:									NELAC-NY10854,CTDOH,NJDEP,PADEP		



## Analytical Batch Summary

**Batch ID:** BB70292      **Preparation Method:** EPA 3550C      **Prepared By:** TB

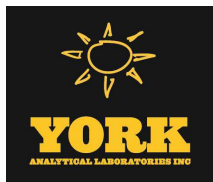
YORK Sample ID	Client Sample ID	Preparation Date
17B0220-11	SP-14 (6'-8')	02/07/17
17B0220-11	SP-14 (6'-8')	02/07/17
BB70292-BLK1	Blank	02/07/17
BB70292-BLK2	Blank	02/07/17
BB70292-BS1	LCS	02/07/17
BB70292-BS2	LCS	02/07/17

**Batch ID:** BB70327      **Preparation Method:** EPA 3050B      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/07/17
17B0220-02	SP-12 (4'-6')	02/07/17
17B0220-03	SP-12 (6'-8')	02/07/17
17B0220-04	SP-12 (8'-10')	02/07/17
17B0220-05	SP-13 (2'-4')	02/07/17
17B0220-06	SP-13 (4'-6')	02/07/17
17B0220-07	SP-13 (6'-8')	02/07/17
17B0220-08	SP-13 (8'-10')	02/07/17
17B0220-09	SP-14 (2'-4')	02/07/17
17B0220-10	SP-14 (4'-6')	02/07/17
17B0220-11	SP-14 (6'-8')	02/07/17
17B0220-12	SP-14 (8'-10')	02/07/17
17B0220-13	SP-9 (0'-2')	02/07/17
17B0220-14	SP-9 (2'-4')	02/07/17
BB70327-BLK1	Blank	02/07/17
BB70327-SRM1	Reference	02/07/17

**Batch ID:** BB70352      **Preparation Method:** EPA 7473 soil      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/08/17
17B0220-02	SP-12 (4'-6')	02/08/17
17B0220-03	SP-12 (6'-8')	02/08/17
17B0220-04	SP-12 (8'-10')	02/08/17
17B0220-05	SP-13 (2'-4')	02/08/17
17B0220-06	SP-13 (4'-6')	02/08/17
17B0220-07	SP-13 (6'-8')	02/08/17
17B0220-08	SP-13 (8'-10')	02/08/17
17B0220-09	SP-14 (2'-4')	02/08/17
17B0220-10	SP-14 (4'-6')	02/08/17
17B0220-11	SP-14 (6'-8')	02/08/17
17B0220-12	SP-14 (8'-10')	02/08/17
17B0220-13	SP-9 (0'-2')	02/08/17
17B0220-14	SP-9 (2'-4')	02/08/17
BB70352-BLK1	Blank	02/08/17



BB70352-SRM1 Reference 02/08/17

**Batch ID:** BB70391 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-04RE1	SP-12 (8'-10')	02/07/17
17B0220-06RE1	SP-13 (4'-6')	02/07/17
17B0220-07RE1	SP-13 (6'-8')	02/07/17
17B0220-08RE1	SP-13 (8'-10')	02/07/17
17B0220-11RE1	SP-14 (6'-8')	02/07/17
BB70391-BLK1	Blank	02/08/17
BB70391-SRM1	Reference	02/08/17

**Batch ID:** BB70410 **Preparation Method:** EPA 5035A **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/08/17
17B0220-05	SP-13 (2'-4')	02/08/17
17B0220-07	SP-13 (6'-8')	02/08/17
17B0220-08	SP-13 (8'-10')	02/08/17
17B0220-10	SP-14 (4'-6')	02/08/17
17B0220-11	SP-14 (6'-8')	02/08/17
17B0220-13	SP-9 (0'-2')	02/08/17
BB70410-BLK1	Blank	02/08/17
BB70410-BS1	LCS	02/08/17
BB70410-BSD1	LCS Dup	02/08/17

**Batch ID:** BB70454 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/10/17
17B0220-02	SP-12 (4'-6')	02/10/17
17B0220-03	SP-12 (6'-8')	02/10/17
17B0220-04	SP-12 (8'-10')	02/10/17
17B0220-05	SP-13 (2'-4')	02/10/17
17B0220-06	SP-13 (4'-6')	02/10/17
17B0220-07	SP-13 (6'-8')	02/10/17
17B0220-08	SP-13 (8'-10')	02/10/17
17B0220-09	SP-14 (2'-4')	02/10/17
17B0220-10	SP-14 (4'-6')	02/10/17
17B0220-11	SP-14 (6'-8')	02/10/17
17B0220-12	SP-14 (8'-10')	02/10/17
17B0220-13	SP-9 (0'-2')	02/10/17
17B0220-14	SP-9 (2'-4')	02/10/17
BB70454-BLK1	Blank	02/10/17
BB70454-BS1	LCS	02/10/17
BB70454-BSD1	LCS Dup	02/10/17

**Batch ID:** BB70457 **Preparation Method:** EPA 3550C **Prepared By:** TB



YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/10/17
17B0220-01	SP-12 (2'-4')	02/10/17
17B0220-02	SP-12 (4'-6')	02/10/17
17B0220-02	SP-12 (4'-6')	02/10/17
17B0220-03	SP-12 (6'-8')	02/10/17
17B0220-03	SP-12 (6'-8')	02/10/17
17B0220-04	SP-12 (8'-10')	02/10/17
17B0220-04	SP-12 (8'-10')	02/10/17
17B0220-05	SP-13 (2'-4')	02/10/17
17B0220-05	SP-13 (2'-4')	02/10/17
17B0220-06	SP-13 (4'-6')	02/10/17
17B0220-06	SP-13 (4'-6')	02/10/17
17B0220-07	SP-13 (6'-8')	02/10/17
17B0220-07	SP-13 (6'-8')	02/10/17
17B0220-08	SP-13 (8'-10')	02/10/17
17B0220-08	SP-13 (8'-10')	02/10/17
17B0220-09	SP-14 (2'-4')	02/10/17
17B0220-09	SP-14 (2'-4')	02/10/17
17B0220-10	SP-14 (4'-6')	02/10/17
17B0220-10	SP-14 (4'-6')	02/10/17
17B0220-12	SP-14 (8'-10')	02/10/17
17B0220-12	SP-14 (8'-10')	02/10/17
17B0220-13	SP-9 (0'-2')	02/10/17
17B0220-13	SP-9 (0'-2')	02/10/17
17B0220-14	SP-9 (2'-4')	02/10/17
17B0220-14	SP-9 (2'-4')	02/10/17
BB70457-BLK1	Blank	02/10/17
BB70457-BLK2	Blank	02/10/17
BB70457-BS1	LCS	02/10/17
BB70457-BS2	LCS	02/10/17

**Batch ID:** BB70466      **Preparation Method:** EPA 5035A      **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-02	SP-12 (4'-6')	02/10/17
17B0220-03	SP-12 (6'-8')	02/10/17
17B0220-04	SP-12 (8'-10')	02/10/17
17B0220-06	SP-13 (4'-6')	02/10/17
17B0220-09	SP-14 (2'-4')	02/10/17
17B0220-12	SP-14 (8'-10')	02/10/17
17B0220-14	SP-9 (2'-4')	02/10/17
BB70466-BLK1	Blank	02/10/17
BB70466-BS1	LCS	02/10/17
BB70466-BSD1	LCS Dup	02/10/17

**Batch ID:** BB70472      **Preparation Method:** % Solids Prep      **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/10/17
17B0220-02	SP-12 (4'-6')	02/10/17





17B0220-03	SP-12 (6'-8')	02/10/17
17B0220-04	SP-12 (8'-10')	02/10/17
17B0220-05	SP-13 (2'-4')	02/10/17
17B0220-06	SP-13 (4'-6')	02/10/17
17B0220-07	SP-13 (6'-8')	02/10/17
17B0220-08	SP-13 (8'-10')	02/10/17
17B0220-09	SP-14 (2'-4')	02/10/17
17B0220-10	SP-14 (4'-6')	02/10/17
17B0220-11	SP-14 (6'-8')	02/10/17
17B0220-12	SP-14 (8'-10')	02/10/17
BB70472-DUP1	Duplicate	02/10/17

**Batch ID:** BB70473      **Preparation Method:** % Solids Prep      **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-13	SP-9 (0'-2')	02/10/17
17B0220-14	SP-9 (2'-4')	02/10/17

**Batch ID:** BB70594      **Preparation Method:** EPA 5035A      **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-10RE1	SP-14 (4'-6')	02/13/17
BB70594-BLK1	Blank	02/13/17
BB70594-BLK2	Blank	02/13/17
BB70594-BS1	LCS	02/13/17
BB70594-BSD1	LCS Dup	02/13/17

**Batch ID:** BB70681      **Preparation Method:** Analysis Preparation Soil      **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17B0220-01	SP-12 (2'-4')	02/14/17
17B0220-02	SP-12 (4'-6')	02/14/17
17B0220-03	SP-12 (6'-8')	02/14/17
17B0220-04	SP-12 (8'-10')	02/14/17
17B0220-05	SP-13 (2'-4')	02/14/17
17B0220-06	SP-13 (4'-6')	02/14/17
17B0220-07	SP-13 (6'-8')	02/14/17
17B0220-08	SP-13 (8'-10')	02/14/17
17B0220-09	SP-14 (2'-4')	02/14/17
17B0220-10	SP-14 (4'-6')	02/14/17
17B0220-11	SP-14 (6'-8')	02/14/17
17B0220-12	SP-14 (8'-10')	02/14/17
17B0220-13	SP-9 (0'-2')	02/14/17
17B0220-14	SP-9 (2'-4')	02/14/17
BB70681-BLK1	Blank	02/14/17
BB70681-SRM1	Reference	02/14/17



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

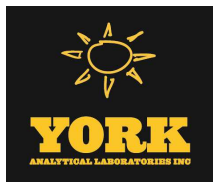
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB70410 - EPA 5035A**

**Blank (BB70410-BLK1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	2.5	10	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70410 - EPA 5035A**

**Blank (BB70410-BLK1)**

Prepared & Analyzed: 02/08/2017

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-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	48.6		ug/L	50.0		97.3	77-125				
<i>Surrogate: Toluene-d8</i>	50.2		"	50.0		100	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	53.9		"	50.0		108	76-130				

**LCS (BB70410-BS1)**

Prepared & Analyzed: 02/08/2017

1,1,1,2-Tetrachloroethane	59.2		ug/L	50.0		118	75-129				
1,1,1-Trichloroethane	58.1		"	50.0		116	71-137				
1,1,2,2-Tetrachloroethane	55.6		"	50.0		111	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.9		"	50.0		132	58-146				
1,1,2-Trichloroethane	54.0		"	50.0		108	83-123				
1,1-Dichloroethane	62.6		"	50.0		125	75-130				
1,1-Dichloroethylene	64.3		"	50.0		129	64-137				
1,1-Dichloropropylene	54.7		"	50.0		109	77-127				
1,2,3-Trichlorobenzene	51.6		"	50.0		103	81-140				
1,2,3-Trichloropropane	46.4		"	50.0		92.8	81-126				
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	43.5		"	50.0		87.0	74-142				
1,2-Dibromoethane	50.8		"	50.0		102	86-123				
1,2-Dichlorobenzene	51.6		"	50.0		103	85-122				
1,2-Dichloroethane	50.8		"	50.0		102	71-133				
1,2-Dichloropropane	55.6		"	50.0		111	81-122				
1,3,5-Trimethylbenzene	49.9		"	50.0		99.8	82-126				
1,3-Dichlorobenzene	54.6		"	50.0		109	84-124				
1,3-Dichloropropane	52.4		"	50.0		105	83-123				
1,4-Dichlorobenzene	51.8		"	50.0		104	84-124				
1,4-Dioxane	1390		"	1000		139	10-228				
2,2-Dichloropropane	55.8		"	50.0		112	67-136				
2-Butanone	53.8		"	50.0		108	58-147				
2-Chlorotoluene	49.8		"	50.0		99.6	78-127				
4-Chlorotoluene	50.3		"	50.0		101	79-125				
Acetone	51.3		"	50.0		103	36-155				
Benzene	59.7		"	50.0		119	77-127				
Bromobenzene	48.1		"	50.0		96.2	77-129				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BB70410 - EPA 5035A</b>										
<b>LCS (BB70410-BS1)</b>										
Prepared & Analyzed: 02/08/2017										
Bromochloromethane	64.6		ug/L	50.0	129	74-129				
Bromodichloromethane	53.9		"	50.0	108	81-124				
Bromoform	51.6		"	50.0	103	80-136				
Bromomethane	66.1		"	50.0	132	32-177				
Carbon tetrachloride	57.1		"	50.0	114	66-143				
Chlorobenzene	49.9		"	50.0	99.8	86-120				
Chloroethane	68.9		"	50.0	138	51-142				
Chloroform	59.2		"	50.0	118	76-131				
Chloromethane	58.6		"	50.0	117	49-132				
cis-1,2-Dichloroethylene	61.4		"	50.0	123	74-132				
cis-1,3-Dichloropropylene	54.1		"	50.0	108	81-129				
Dibromochloromethane	55.4		"	50.0	111	10-200				
Dibromomethane	57.5		"	50.0	115	83-124				
Dichlorodifluoromethane	56.0		"	50.0	112	28-158				
Ethyl Benzene	52.2		"	50.0	104	84-125				
Hexachlorobutadiene	53.0		"	50.0	106	83-133				
Isopropylbenzene	49.3		"	50.0	98.6	81-127				
Methyl tert-butyl ether (MTBE)	68.4		"	50.0	137	74-131	High Bias			
Methylene chloride	43.6		"	50.0	87.1	57-141				
Naphthalene	52.7		"	50.0	105	86-141				
n-Butylbenzene	50.3		"	50.0	101	80-130				
n-Propylbenzene	50.2		"	50.0	100	74-136				
o-Xylene	49.5		"	50.0	98.9	83-123				
p- & m- Xylenes	101		"	100	101	82-128				
p-Isopropyltoluene	52.3		"	50.0	105	85-125				
sec-Butylbenzene	50.5		"	50.0	101	83-125				
Styrene	49.9		"	50.0	99.8	86-126				
tert-Butylbenzene	50.4		"	50.0	101	80-127				
Tetrachloroethylene	54.1		"	50.0	108	80-129				
Toluene	51.4		"	50.0	103	85-121				
trans-1,2-Dichloroethylene	67.5		"	50.0	135	72-132	High Bias			
trans-1,3-Dichloropropylene	52.1		"	50.0	104	78-132				
Trichloroethylene	53.7		"	50.0	107	84-123				
Trichlorofluoromethane	58.1		"	50.0	116	62-140				
Vinyl acetate	32.4		"	50.0	64.7	67-136	Low Bias			
Vinyl Chloride	47.5		"	50.0	95.1	52-130				
Surrogate: 1,2-Dichloroethane-d4	44.0		"	50.0	88.1	77-125				
Surrogate: Toluene-d8	50.3		"	50.0	101	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.

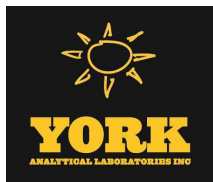
Table with 12 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC, %REC Limits, Flag, RPD, RPD Limit, Flag

Batch BB70410 - EPA 5035A

LCS Dup (BB70410-BSD1)

Prepared & Analyzed: 02/08/2017

Main data table listing 50 analytes with their respective results, units, spike levels, and reporting limits.



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB70410 - EPA 5035A**

**LCS Dup (BB70410-BSD1)**

Prepared & Analyzed: 02/08/2017

o-Xylene	52.8		ug/L	50.0		106	83-123		6.63	30	
p- & m- Xylenes	111		"	100		111	82-128		9.49	30	
p-Isopropyltoluene	48.8		"	50.0		97.6	85-125		7.02	30	
sec-Butylbenzene	49.9		"	50.0		99.8	83-125		1.14	30	
Styrene	53.7		"	50.0		107	86-126		7.34	30	
tert-Butylbenzene	50.2		"	50.0		100	80-127		0.338	30	
Tetrachloroethylene	57.3		"	50.0		115	80-129		5.62	30	
Toluene	56.4		"	50.0		113	85-121		9.28	30	
trans-1,2-Dichloroethylene	66.8		"	50.0		134	72-132	High Bias	1.15	30	
trans-1,3-Dichloropropylene	55.1		"	50.0		110	78-132		5.59	30	
Trichloroethylene	55.6		"	50.0		111	84-123		3.49	30	
Trichlorofluoromethane	49.3		"	50.0		98.5	62-140		16.4	30	
Vinyl acetate	31.6		"	50.0		63.2	67-136	Low Bias	2.38	30	
Vinyl Chloride	45.4		"	50.0		90.9	52-130		4.54	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>44.3</i>		<i>"</i>	<i>50.0</i>		<i>88.6</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.9</i>	<i>76-130</i>				

**Batch BB70466 - EPA 5035A**

**Blank (BB70466-BLK1)**

Prepared & Analyzed: 02/10/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70466 - EPA 5035A**

**Blank (BB70466-BLK1)**

Prepared & Analyzed: 02/10/2017

Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	48.3		ug/L	50.0		96.6		77-125			
<i>Surrogate: Toluene-d8</i>	47.2		"	50.0		94.4		85-120			
<i>Surrogate: p-Bromofluorobenzene</i>	52.5		"	50.0		105		76-130			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

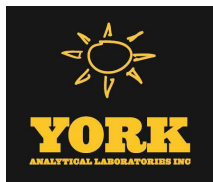
Batch BB70466 - EPA 5035A

LCS (BB70466-BS1)

Prepared & Analyzed: 02/10/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	Limits	Flag	RPD	Limit	Flag
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	56.8		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.2		"	50.0		84.3	58-146				
1,1,2-Trichloroethane	54.4		"	50.0		109	83-123				
1,1-Dichloroethane	54.7		"	50.0		109	75-130				
1,1-Dichloroethylene	46.3		"	50.0		92.6	64-137				
1,1-Dichloropropylene	57.5		"	50.0		115	77-127				
1,2,3-Trichlorobenzene	53.7		"	50.0		107	81-140				
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	53.6		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	46.9		"	50.0		93.8	84-125				
1,2-Dibromo-3-chloropropane	50.8		"	50.0		102	74-142				
1,2-Dibromoethane	54.1		"	50.0		108	86-123				
1,2-Dichlorobenzene	50.3		"	50.0		101	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	50.7		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126				
1,3-Dichlorobenzene	51.2		"	50.0		102	84-124				
1,3-Dichloropropane	51.7		"	50.0		103	83-123				
1,4-Dichlorobenzene	51.1		"	50.0		102	84-124				
1,4-Dioxane	894		"	1000		89.4	10-228				
2,2-Dichloropropane	54.7		"	50.0		109	67-136				
2-Butanone	54.6		"	50.0		109	58-147				
2-Chlorotoluene	45.9		"	50.0		91.8	78-127				
4-Chlorotoluene	47.2		"	50.0		94.5	79-125				
Acetone	41.7		"	50.0		83.4	36-155				
Benzene	59.5		"	50.0		119	77-127				
Bromobenzene	47.7		"	50.0		95.4	77-129				
Bromochloromethane	57.7		"	50.0		115	74-129				
Bromodichloromethane	49.9		"	50.0		99.8	81-124				
Bromoform	55.6		"	50.0		111	80-136				
Bromomethane	31.7		"	50.0		63.5	32-177				
Carbon tetrachloride	58.2		"	50.0		116	66-143				
Chlorobenzene	54.1		"	50.0		108	86-120				
Chloroethane	35.8		"	50.0		71.6	51-142				
Chloroform	58.0		"	50.0		116	76-131				
Chloromethane	52.4		"	50.0		105	49-132				
cis-1,2-Dichloroethylene	57.8		"	50.0		116	74-132				
cis-1,3-Dichloropropylene	50.1		"	50.0		100	81-129				
Dibromochloromethane	54.7		"	50.0		109	10-200				
Dibromomethane	52.8		"	50.0		106	83-124				
Dichlorodifluoromethane	53.5		"	50.0		107	28-158				
Ethyl Benzene	50.7		"	50.0		101	84-125				
Hexachlorobutadiene	51.7		"	50.0		103	83-133				
Isopropylbenzene	49.0		"	50.0		98.0	81-127				
Methyl tert-butyl ether (MTBE)	54.8		"	50.0		110	74-131				
Methylene chloride	46.2		"	50.0		92.5	57-141				
Naphthalene	53.4		"	50.0		107	86-141				
n-Butylbenzene	47.3		"	50.0		94.5	80-130				
n-Propylbenzene	47.3		"	50.0		94.7	74-136				





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB70466 - EPA 5035A</b>											
<b>LCS (BB70466-BS1)</b>											
Prepared & Analyzed: 02/10/2017											
o-Xylene	50.9		ug/L	50.0		102	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
p-Isopropyltoluene	47.6		"	50.0		95.3	85-125				
sec-Butylbenzene	48.6		"	50.0		97.2	83-125				
Styrene	50.7		"	50.0		101	86-126				
tert-Butylbenzene	48.5		"	50.0		97.0	80-127				
Tetrachloroethylene	55.4		"	50.0		111	80-129				
Toluene	52.4		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	53.5		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	50.3		"	50.0		101	78-132				
Trichloroethylene	51.4		"	50.0		103	84-123				
Trichlorofluoromethane	45.2		"	50.0		90.4	62-140				
Vinyl acetate	64.0		"	50.0		128	67-136				
Vinyl Chloride	43.0		"	50.0		86.0	52-130				
Surrogate: 1,2-Dichloroethane-d4	44.4		"	50.0		88.9	77-125				
Surrogate: Toluene-d8	45.2		"	50.0		90.4	85-120				
Surrogate: p-Bromofluorobenzene	51.6		"	50.0		103	76-130				
<b>LCS Dup (BB70466-BSD1)</b>											
Prepared & Analyzed: 02/10/2017											
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129		3.34	30	
1,1,1-Trichloroethane	58.5		"	50.0		117	71-137		2.81	30	
1,1,2,2-Tetrachloroethane	50.0		"	50.0		100	79-129		1.17	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.6		"	50.0		87.3	58-146		3.40	30	
1,1,2-Trichloroethane	56.6		"	50.0		113	83-123		4.00	30	
1,1-Dichloroethane	58.9		"	50.0		118	75-130		7.45	30	
1,1-Dichloroethylene	49.0		"	50.0		98.1	64-137		5.75	30	
1,1-Dichloropropylene	60.3		"	50.0		121	77-127		4.77	30	
1,2,3-Trichlorobenzene	55.9		"	50.0		112	81-140		3.91	30	
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126		1.34	30	
1,2,4-Trichlorobenzene	55.4		"	50.0		111	80-141		3.27	30	
1,2,4-Trimethylbenzene	48.4		"	50.0		96.9	84-125		3.19	30	
1,2-Dibromo-3-chloropropane	50.5		"	50.0		101	74-142		0.513	30	
1,2-Dibromoethane	54.4		"	50.0		109	86-123		0.553	30	
1,2-Dichlorobenzene	52.7		"	50.0		105	85-122		4.68	30	
1,2-Dichloroethane	56.3		"	50.0		113	71-133		6.91	30	
1,2-Dichloropropane	52.3		"	50.0		105	81-122		3.13	30	
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126		4.59	30	
1,3-Dichlorobenzene	52.2		"	50.0		104	84-124		2.03	30	
1,3-Dichloropropane	52.6		"	50.0		105	83-123		1.76	30	
1,4-Dichlorobenzene	52.3		"	50.0		105	84-124		2.36	30	
1,4-Dioxane	962		"	1000		96.2	10-228		7.32	30	
2,2-Dichloropropane	55.2		"	50.0		110	67-136		0.855	30	
2-Butanone	53.8		"	50.0		108	58-147		1.51	30	
2-Chlorotoluene	47.7		"	50.0		95.4	78-127		3.80	30	
4-Chlorotoluene	48.1		"	50.0		96.2	79-125		1.78	30	
Acetone	40.4		"	50.0		80.9	36-155		3.12	30	
Benzene	62.7		"	50.0		125	77-127		5.32	30	
Bromobenzene	50.6		"	50.0		101	77-129		5.80	30	
Bromochloromethane	60.9		"	50.0		122	74-129		5.43	30	
Bromodichloromethane	49.5		"	50.0		99.0	81-124		0.845	30	
Bromoform	59.1		"	50.0		118	80-136		6.19	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
<b>Batch BB70466 - EPA 5035A</b>											
<b>LCS Dup (BB70466-BSD1)</b>											
Prepared & Analyzed: 02/10/2017											
Bromomethane	33.8		ug/L	50.0		67.6	32-177		6.26	30	
Carbon tetrachloride	61.5		"	50.0		123	66-143		5.60	30	
Chlorobenzene	55.8		"	50.0		112	86-120		3.09	30	
Chloroethane	38.4		"	50.0		76.8	51-142		7.04	30	
Chloroform	61.2		"	50.0		122	76-131		5.35	30	
Chloromethane	56.7		"	50.0		113	49-132		7.92	30	
cis-1,2-Dichloroethylene	61.3		"	50.0		123	74-132		6.01	30	
cis-1,3-Dichloropropylene	53.5		"	50.0		107	81-129		6.54	30	
Dibromochloromethane	54.9		"	50.0		110	10-200		0.274	30	
Dibromomethane	54.9		"	50.0		110	83-124		4.07	30	
Dichlorodifluoromethane	54.6		"	50.0		109	28-158		2.07	30	
Ethyl Benzene	52.7		"	50.0		105	84-125		3.90	30	
Hexachlorobutadiene	53.5		"	50.0		107	83-133		3.48	30	
Isopropylbenzene	51.4		"	50.0		103	81-127		4.86	30	
Methyl tert-butyl ether (MTBE)	56.2		"	50.0		112	74-131		2.63	30	
Methylene chloride	50.8		"	50.0		102	57-141		9.30	30	
Naphthalene	55.5		"	50.0		111	86-141		3.84	30	
n-Butylbenzene	48.5		"	50.0		96.9	80-130		2.51	30	
n-Propylbenzene	49.5		"	50.0		99.0	74-136		4.46	30	
o-Xylene	53.3		"	50.0		107	83-123		4.49	30	
p- & m- Xylenes	104		"	100		104	82-128		2.24	30	
p-Isopropyltoluene	49.8		"	50.0		99.7	85-125		4.51	30	
sec-Butylbenzene	50.7		"	50.0		101	83-125		4.29	30	
Styrene	53.2		"	50.0		106	86-126		4.73	30	
tert-Butylbenzene	50.2		"	50.0		100	80-127		3.45	30	
Tetrachloroethylene	57.3		"	50.0		115	80-129		3.50	30	
Toluene	53.9		"	50.0		108	85-121		2.78	30	
trans-1,2-Dichloroethylene	56.0		"	50.0		112	72-132		4.49	30	
trans-1,3-Dichloropropylene	51.2		"	50.0		102	78-132		1.75	30	
Trichloroethylene	55.4		"	50.0		111	84-123		7.30	30	
Trichlorofluoromethane	46.8		"	50.0		93.6	62-140		3.57	30	
Vinyl acetate	71.2		"	50.0		142	67-136	High Bias	10.6	30	
Vinyl Chloride	44.6		"	50.0		89.2	52-130		3.63	30	
Surrogate: 1,2-Dichloroethane-d4	45.3		"	50.0		90.6	77-125				
Surrogate: Toluene-d8	45.8		"	50.0		91.5	85-120				
Surrogate: p-Bromofluorobenzene	52.1		"	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
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Batch BB70594 - EPA 5035A

Blank (BB70594-BLK1)

Prepared & Analyzed: 02/13/2017

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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	3.9	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70594 - EPA 5035A**

**Blank (BB70594-BLK1)**

Prepared & Analyzed: 02/13/2017

o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.1</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>47.4</i>		<i>"</i>	<i>50.0</i>		<i>94.9</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>42.8</i>		<i>"</i>	<i>50.0</i>		<i>85.7</i>	<i>76-130</i>				

**Blank (BB70594-BLK2)**

Prepared & Analyzed: 02/13/2017

1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,1-Dichloropropylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,3-Dichloropropane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2,2-Dichloropropane	ND	500	"								
2-Butanone	ND	500	"								
2-Chlorotoluene	ND	500	"								
4-Chlorotoluene	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Bromobenzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70594 - EPA 5035A

Blank (BB70594-BLK2)

Prepared & Analyzed: 02/13/2017

Bromoform	ND	500	ug/kg wet								
Bromomethane	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl acetate	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
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Surrogate: 1,2-Dichloroethane-d4	45.8		ug/L	50.0		91.6	77-125				
Surrogate: Toluene-d8	48.4		"	50.0		96.7	85-120				
Surrogate: p-Bromofluorobenzene	40.0		"	50.0		80.1	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BB70594 - EPA 5035A</b>										
<b>LCS (BB70594-BS1)</b>										
Prepared & Analyzed: 02/13/2017										
1,1,1,2-Tetrachloroethane	49.9		ug/L	50.0	99.8	99.8	75-129			
1,1,1-Trichloroethane	53.1		"	50.0	106	106	71-137			
1,1,2,2-Tetrachloroethane	50.7		"	50.0	101	101	79-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62.6		"	50.0	125	125	58-146			
1,1,2-Trichloroethane	50.6		"	50.0	101	101	83-123			
1,1-Dichloroethane	57.2		"	50.0	114	114	75-130			
1,1-Dichloroethylene	57.9		"	50.0	116	116	64-137			
1,1-Dichloropropylene	55.4		"	50.0	111	111	77-127			
1,2,3-Trichlorobenzene	55.1		"	50.0	110	110	81-140			
1,2,3-Trichloropropane	48.3		"	50.0	96.6	96.6	81-126			
1,2,4-Trichlorobenzene	52.9		"	50.0	106	106	80-141			
1,2,4-Trimethylbenzene	49.5		"	50.0	98.9	98.9	84-125			
1,2-Dibromo-3-chloropropane	45.8		"	50.0	91.5	91.5	74-142			
1,2-Dibromoethane	52.3		"	50.0	105	105	86-123			
1,2-Dichlorobenzene	50.6		"	50.0	101	101	85-122			
1,2-Dichloroethane	51.3		"	50.0	103	103	71-133			
1,2-Dichloropropane	51.0		"	50.0	102	102	81-122			
1,3,5-Trimethylbenzene	49.8		"	50.0	99.5	99.5	82-126			
1,3-Dichlorobenzene	52.6		"	50.0	105	105	84-124			
1,3-Dichloropropane	49.4		"	50.0	98.9	98.9	83-123			
1,4-Dichlorobenzene	51.3		"	50.0	103	103	84-124			
1,4-Dioxane	1930		"	1000	193	193	10-228			
2,2-Dichloropropane	53.9		"	50.0	108	108	67-136			
2-Butanone	64.3		"	50.0	129	129	58-147			
2-Chlorotoluene	53.0		"	50.0	106	106	78-127			
4-Chlorotoluene	49.6		"	50.0	99.3	99.3	79-125			
Acetone	91.5		"	50.0	183	183	36-155	High Bias		
Benzene	57.9		"	50.0	116	116	77-127			
Bromobenzene	51.0		"	50.0	102	102	77-129			
Bromochloromethane	55.3		"	50.0	111	111	74-129			
Bromodichloromethane	49.6		"	50.0	99.3	99.3	81-124			
Bromoform	52.4		"	50.0	105	105	80-136			
Bromomethane	43.6		"	50.0	87.2	87.2	32-177			
Carbon tetrachloride	52.0		"	50.0	104	104	66-143			
Chlorobenzene	51.3		"	50.0	103	103	86-120			
Chloroethane	53.5		"	50.0	107	107	51-142			
Chloroform	55.2		"	50.0	110	110	76-131			
Chloromethane	59.6		"	50.0	119	119	49-132			
cis-1,2-Dichloroethylene	58.1		"	50.0	116	116	74-132			
cis-1,3-Dichloropropylene	52.2		"	50.0	104	104	81-129			
Dibromochloromethane	51.7		"	50.0	103	103	10-200			
Dibromomethane	51.5		"	50.0	103	103	83-124			
Dichlorodifluoromethane	49.9		"	50.0	99.8	99.8	28-158			
Ethyl Benzene	52.6		"	50.0	105	105	84-125			
Hexachlorobutadiene	48.3		"	50.0	96.5	96.5	83-133			
Isopropylbenzene	50.4		"	50.0	101	101	81-127			
Methyl tert-butyl ether (MTBE)	55.6		"	50.0	111	111	74-131			
Methylene chloride	55.4		"	50.0	111	111	57-141			
Naphthalene	49.5		"	50.0	98.9	98.9	86-141			
n-Butylbenzene	51.1		"	50.0	102	102	80-130			
n-Propylbenzene	51.8		"	50.0	104	104	74-136			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
<b>Batch BB70594 - EPA 5035A</b>										
<b>LCS (BB70594-BS1)</b>						Prepared & Analyzed: 02/13/2017				
o-Xylene	51.8		ug/L	50.0		104	83-123			
p- & m- Xylenes	102		"	100		102	82-128			
p-Isopropyltoluene	51.0		"	50.0		102	85-125			
sec-Butylbenzene	51.1		"	50.0		102	83-125			
Styrene	51.3		"	50.0		103	86-126			
tert-Butylbenzene	52.2		"	50.0		104	80-127			
Tetrachloroethylene	50.4		"	50.0		101	80-129			
Toluene	52.7		"	50.0		105	85-121			
trans-1,2-Dichloroethylene	57.7		"	50.0		115	72-132			
trans-1,3-Dichloropropylene	51.4		"	50.0		103	78-132			
Trichloroethylene	53.8		"	50.0		108	84-123			
Trichlorofluoromethane	53.7		"	50.0		107	62-140			
Vinyl acetate	57.6		"	50.0		115	67-136			
Vinyl Chloride	53.6		"	50.0		107	52-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>45.6</i>		"	<i>50.0</i>		<i>91.2</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.5</i>		"	<i>50.0</i>		<i>94.9</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.5</i>		"	<i>50.0</i>		<i>96.9</i>	<i>76-130</i>			
<b>LCS Dup (BB70594-BSD1)</b>						Prepared & Analyzed: 02/13/2017				
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0		96.7	75-129		3.24	30
1,1,1-Trichloroethane	51.4		"	50.0		103	71-137		3.43	30
1,1,2,2-Tetrachloroethane	50.3		"	50.0		101	79-129		0.772	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.4		"	50.0		113	58-146		10.4	30
1,1,2-Trichloroethane	49.3		"	50.0		98.6	83-123		2.66	30
1,1-Dichloroethane	52.9		"	50.0		106	75-130		7.85	30
1,1-Dichloroethylene	54.2		"	50.0		108	64-137		6.60	30
1,1-Dichloropropylene	53.8		"	50.0		108	77-127		2.88	30
1,2,3-Trichlorobenzene	54.7		"	50.0		109	81-140		0.765	30
1,2,3-Trichloropropane	46.6		"	50.0		93.3	81-126		3.43	30
1,2,4-Trichlorobenzene	52.8		"	50.0		106	80-141		0.227	30
1,2,4-Trimethylbenzene	48.1		"	50.0		96.2	84-125		2.85	30
1,2-Dibromo-3-chloropropane	41.9		"	50.0		83.8	74-142		8.83	30
1,2-Dibromoethane	50.6		"	50.0		101	86-123		3.28	30
1,2-Dichlorobenzene	48.6		"	50.0		97.1	85-122		4.03	30
1,2-Dichloroethane	50.3		"	50.0		101	71-133		2.09	30
1,2-Dichloropropane	49.4		"	50.0		98.8	81-122		3.23	30
1,3,5-Trimethylbenzene	48.7		"	50.0		97.3	82-126		2.19	30
1,3-Dichlorobenzene	50.0		"	50.0		99.9	84-124		5.19	30
1,3-Dichloropropane	47.5		"	50.0		95.0	83-123		4.02	30
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124		5.30	30
1,4-Dioxane	1960		"	1000		196	10-228		1.32	30
2,2-Dichloropropane	51.4		"	50.0		103	67-136		4.69	30
2-Butanone	59.1		"	50.0		118	58-147		8.37	30
2-Chlorotoluene	49.0		"	50.0		98.0	78-127		7.77	30
4-Chlorotoluene	48.0		"	50.0		96.0	79-125		3.34	30
Acetone	63.8		"	50.0		128	36-155		35.7	30
Benzene	55.4		"	50.0		111	77-127		4.47	30
Bromobenzene	49.8		"	50.0		99.6	77-129		2.44	30
Bromochloromethane	51.5		"	50.0		103	74-129		7.10	30
Bromodichloromethane	47.1		"	50.0		94.2	81-124		5.21	30
Bromoform	49.8		"	50.0		99.7	80-136		4.99	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70594 - EPA 5035A

LCS Dup (BB70594-BSD1)

Prepared & Analyzed: 02/13/2017

Bromomethane	41.7		ug/L	50.0		83.5	32-177		4.36	30	
Carbon tetrachloride	47.3		"	50.0		94.7	66-143		9.36	30	
Chlorobenzene	49.0		"	50.0		97.9	86-120		4.61	30	
Chloroethane	48.5		"	50.0		96.9	51-142		9.85	30	
Chloroform	52.2		"	50.0		104	76-131		5.47	30	
Chloromethane	52.4		"	50.0		105	49-132		12.9	30	
cis-1,2-Dichloroethylene	53.8		"	50.0		108	74-132		7.72	30	
cis-1,3-Dichloropropylene	50.2		"	50.0		100	81-129		4.08	30	
Dibromochloromethane	50.6		"	50.0		101	10-200		2.17	30	
Dibromomethane	48.7		"	50.0		97.4	83-124		5.59	30	
Dichlorodifluoromethane	46.6		"	50.0		93.2	28-158		6.84	30	
Ethyl Benzene	50.8		"	50.0		102	84-125		3.42	30	
Hexachlorobutadiene	48.0		"	50.0		96.0	83-133		0.582	30	
Isopropylbenzene	48.1		"	50.0		96.2	81-127		4.67	30	
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	74-131		6.31	30	
Methylene chloride	52.9		"	50.0		106	57-141		4.73	30	
Naphthalene	52.5		"	50.0		105	86-141		5.96	30	
n-Butylbenzene	49.4		"	50.0		98.8	80-130		3.50	30	
n-Propylbenzene	48.8		"	50.0		97.7	74-136		5.96	30	
o-Xylene	49.7		"	50.0		99.4	83-123		4.16	30	
p- & m- Xylenes	96.2		"	100		96.2	82-128		6.21	30	
p-Isopropyltoluene	48.2		"	50.0		96.4	85-125		5.59	30	
sec-Butylbenzene	49.3		"	50.0		98.5	83-125		3.67	30	
Styrene	49.4		"	50.0		98.9	86-126		3.73	30	
tert-Butylbenzene	45.6		"	50.0		91.3	80-127		13.5	30	
Tetrachloroethylene	48.7		"	50.0		97.4	80-129		3.37	30	
Toluene	50.3		"	50.0		101	85-121		4.60	30	
trans-1,2-Dichloroethylene	54.1		"	50.0		108	72-132		6.44	30	
trans-1,3-Dichloropropylene	49.0		"	50.0		97.9	78-132		4.80	30	
Trichloroethylene	49.5		"	50.0		99.0	84-123		8.29	30	
Trichlorofluoromethane	50.6		"	50.0		101	62-140		6.02	30	
Vinyl acetate	53.9		"	50.0		108	67-136		6.58	30	
Vinyl Chloride	48.9		"	50.0		97.7	52-130		9.18	30	
Surrogate: 1,2-Dichloroethane-d4	46.7		"	50.0		93.4	77-125				
Surrogate: Toluene-d8	47.9		"	50.0		95.8	85-120				
Surrogate: p-Bromofluorobenzene	48.9		"	50.0		97.8	76-130				





Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70454 - EPA 3550C

Blank (BB70454-BLK1)

Prepared & Analyzed: 02/10/2017

Tentatively Identified Compounds	Result	Reporting Limit	Units
	0.00		ug/kg wet
1,2,4-Trichlorobenzene	ND	41.7	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-Dichlorobenzene	ND	41.7	"
2,4,5-Trichlorophenol	ND	41.7	"
2,4,6-Trichlorophenol	ND	41.7	"
2,4-Dichlorophenol	ND	41.7	"
2,4-Dimethylphenol	ND	41.7	"
2,4-Dinitrophenol	ND	83.3	"
2,4-Dinitrotoluene	ND	41.7	"
2,6-Dinitrotoluene	ND	41.7	"
2-Chloronaphthalene	ND	41.7	"
2-Chlorophenol	ND	41.7	"
2-Methylnaphthalene	ND	41.7	"
2-Methylphenol	ND	41.7	"
2-Nitroaniline	ND	83.3	"
2-Nitrophenol	ND	41.7	"
3- & 4-Methylphenols	ND	41.7	"
3,3-Dichlorobenzidine	ND	41.7	"
3-Nitroaniline	ND	83.3	"
4,6-Dinitro-2-methylphenol	ND	83.3	"
4-Bromophenyl phenyl ether	ND	41.7	"
4-Chloro-3-methylphenol	ND	41.7	"
4-Chloroaniline	ND	41.7	"
4-Chlorophenyl phenyl ether	ND	41.7	"
4-Nitroaniline	ND	83.3	"
4-Nitrophenol	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 alcohol	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	"
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	"



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

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

**Batch BB70454 - EPA 3550C**

**Blank (BB70454-BLK1)**

Prepared & Analyzed: 02/10/2017

Fluorene	ND	41.7	ug/kg wet								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
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	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>1720</i>		<i>"</i>	<i>2650</i>		<i>65.1</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>1500</i>		<i>"</i>	<i>2710</i>		<i>55.3</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1410</i>		<i>"</i>	<i>1740</i>		<i>81.3</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1280</i>		<i>"</i>	<i>1780</i>		<i>71.9</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2060</i>		<i>"</i>	<i>2510</i>		<i>82.0</i>	<i>19-110</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1250</i>		<i>"</i>	<i>1740</i>		<i>72.0</i>	<i>24-116</i>				

**LCS (BB70454-BS1)**

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	1450	41.7	ug/kg wet	1670		86.9	23-130				
1,2-Dichlorobenzene	1280	41.7	"	1670		76.8	26-113				
1,3-Dichlorobenzene	1180	41.7	"	1670		70.8	32-113				
1,4-Dichlorobenzene	1170	41.7	"	1670		70.1	28-111				
2,4,5-Trichlorophenol	1290	41.7	"	1670		77.7	14-138				
2,4,6-Trichlorophenol	1440	41.7	"	1670		86.2	27-122				
2,4-Dichlorophenol	1190	41.7	"	1670		71.3	23-133				
2,4-Dimethylphenol	1080	41.7	"	1670		64.8	15-131				
2,4-Dinitrophenol	1160	83.3	"	1670		69.8	10-149				
2,4-Dinitrotoluene	1230	41.7	"	1670		74.0	30-123				
2,6-Dinitrotoluene	1180	41.7	"	1670		70.8	30-125				
2-Chloronaphthalene	1220	41.7	"	1670		73.3	22-115				
2-Chlorophenol	1030	41.7	"	1670		62.0	25-121				
2-Methylnaphthalene	1410	41.7	"	1670		84.7	16-127				
2-Methylphenol	938	41.7	"	1670		56.3	10-146				
2-Nitroaniline	956	83.3	"	1670		57.3	24-126				
2-Nitrophenol	1030	41.7	"	1670		62.0	17-129				
3- & 4-Methylphenols	920	41.7	"	1670		55.2	20-109				
3,3-Dichlorobenzidine	1410	41.7	"	8330		17.0	10-147				
3-Nitroaniline	1740	83.3	"	1670		104	23-123				
4,6-Dinitro-2-methylphenol	1080	83.3	"	1670		64.9	10-149				
4-Bromophenyl phenyl ether	1550	41.7	"	1670		93.0	30-138				
4-Chloro-3-methylphenol	1170	41.7	"	1670		70.4	16-138				
4-Chloroaniline	1040	41.7	"	1670		62.3	10-117				
4-Chlorophenyl phenyl ether	1580	41.7	"	1670		95.1	18-132				
4-Nitroaniline	ND	83.3	"	1670		14-125				Low Bias	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Table with 11 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC, %REC Limits, Flag, RPD, RPD Limit, Flag

Batch BB70454 - EPA 3550C

LCS (BB70454-BS1)

Prepared & Analyzed: 02/10/2017

Main data table listing analytes, results, reporting limits, units, spike levels, source results, %REC, and RPD values for various compounds like 4-Nitrophenol, Acenaphthene, etc.



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
<b>Batch BB70454 - EPA 3550C</b>											
<b>LCS Dup (BB70454-BSD1)</b>										Prepared & Analyzed: 02/10/2017	
1,2,4-Trichlorobenzene	1340	41.7	ug/kg wet	1670		80.2	23-130		8.07	30	
1,2-Dichlorobenzene	1230	41.7	"	1670		73.6	26-113		4.20	30	
1,3-Dichlorobenzene	1040	41.7	"	1670		62.2	32-113		13.0	30	
1,4-Dichlorobenzene	1060	41.7	"	1670		63.5	28-111		9.88	30	
2,4,5-Trichlorophenol	1210	41.7	"	1670		72.4	14-138		7.04	30	
2,4,6-Trichlorophenol	1340	41.7	"	1670		80.4	27-122		7.04	30	
2,4-Dichlorophenol	1170	41.7	"	1670		70.1	23-133		1.61	30	
2,4-Dimethylphenol	1050	41.7	"	1670		63.1	15-131		2.63	30	
2,4-Dinitrophenol	469	83.3	"	1670		28.1	10-149		85.1	30	Non-dir.
2,4-Dinitrotoluene	1120	41.7	"	1670		67.1	30-123		9.76	30	
2,6-Dinitrotoluene	1130	41.7	"	1670		67.7	30-125		4.45	30	
2-Chloronaphthalene	1160	41.7	"	1670		69.6	22-115		5.12	30	
2-Chlorophenol	998	41.7	"	1670		59.9	25-121		3.48	30	
2-Methylnaphthalene	1310	41.7	"	1670		78.8	16-127		7.17	30	
2-Methylphenol	879	41.7	"	1670		52.8	10-146		6.46	30	
2-Nitroaniline	959	83.3	"	1670		57.6	24-126		0.383	30	
2-Nitrophenol	960	41.7	"	1670		57.6	17-129		7.33	30	
3- & 4-Methylphenols	802	41.7	"	1670		48.1	20-109		13.7	30	
3,3-Dichlorobenzidine	1460	41.7	"	8330		17.6	10-147		3.45	30	
3-Nitroaniline	1780	83.3	"	1670		107	23-123		2.26	30	
4,6-Dinitro-2-methylphenol	1090	83.3	"	1670		65.6	10-149		1.07	30	
4-Bromophenyl phenyl ether	1470	41.7	"	1670		88.2	30-138		5.36	30	
4-Chloro-3-methylphenol	1060	41.7	"	1670		63.3	16-138		10.5	30	
4-Chloroaniline	1270	41.7	"	1670		76.3	10-117		20.3	30	
4-Chlorophenyl phenyl ether	1520	41.7	"	1670		91.3	18-132		4.03	30	
4-Nitroaniline	ND	83.3	"	1670			14-125	Low Bias		30	
4-Nitrophenol	155	83.3	"	1670		9.28	10-136	Low Bias	13.5	30	
Acenaphthene	1240	41.7	"	1670		74.5	17-124		1.23	30	
Acenaphthylene	1140	41.7	"	1670		68.1	16-124		2.44	30	
Aniline	1300	167	"	1670		77.9	10-111		0.774	30	
Anthracene	1170	41.7	"	1670		70.0	24-124		3.48	30	
Benzo(a)anthracene	1220	41.7	"	1670		73.4	25-134		5.82	30	
Benzo(a)pyrene	1020	41.7	"	1670		61.2	29-144		4.29	30	
Benzo(b)fluoranthene	950	41.7	"	1670		57.0	20-151		8.08	30	
Benzo(g,h,i)perylene	1170	41.7	"	1670		70.1	10-153		9.91	30	
Benzo(k)fluoranthene	1150	41.7	"	1670		69.2	10-148		7.48	30	
Benzyl alcohol	1120	41.7	"	1670		67.3	17-128		1.83	30	
Benzyl butyl phthalate	1060	41.7	"	1670		63.6	10-132		3.28	30	
Bis(2-chloroethoxy)methane	933	41.7	"	1670		56.0	10-129		5.42	30	
Bis(2-chloroethyl)ether	1010	41.7	"	1670		60.9	14-125		6.11	30	
Bis(2-chloroisopropyl)ether	972	41.7	"	1670		58.3	14-122		18.2	30	
Bis(2-ethylhexyl)phthalate	1090	41.7	"	1670		65.3	10-141		5.71	30	
Chrysene	1170	41.7	"	1670		70.4	24-116		2.39	30	
Dibenzo(a,h)anthracene	1250	41.7	"	1670		75.2	17-147		5.21	30	
Dibenzofuran	1250	41.7	"	1670		74.9	23-123		5.89	30	
Diethyl phthalate	1250	41.7	"	1670		75.0	23-122		6.47	30	
Dimethyl phthalate	1250	41.7	"	1670		75.1	28-127		5.72	30	
Di-n-butyl phthalate	1080	41.7	"	1670		64.8	19-123		3.93	30	
Di-n-octyl phthalate	919	41.7	"	1670		55.1	10-132		5.88	30	
Fluoranthene	1210	41.7	"	1670		72.8	36-125		2.85	30	
Fluorene	1170	41.7	"	1670		70.1	16-130		8.13	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								Level	Result
<b>Batch BB70454 - EPA 3550C</b>											
<b>LCS Dup (BB70454-BSD1)</b>											
Prepared & Analyzed: 02/10/2017											
Hexachlorobenzene	1410	41.7	ug/kg wet	1670		84.6	10-129			8.12	30
Hexachlorobutadiene	1920	41.7	"	1670		115	22-153			4.22	30
Hexachlorocyclopentadiene	433	41.7	"	1670		26.0	10-134			10.0	30
Hexachloroethane	1430	41.7	"	1670		85.9	20-112			6.60	30
Indeno(1,2,3-cd)pyrene	1220	41.7	"	1670		73.4	10-155			15.1	30
Isophorone	1120	41.7	"	1670		67.2	14-131			6.11	30
Naphthalene	1130	41.7	"	1670		68.1	20-121			5.71	30
Nitrobenzene	1310	41.7	"	1670		78.6	20-121			1.94	30
N-Nitrosodimethylamine	703	41.7	"	1670		42.2	10-124			8.28	30
N-nitroso-di-n-propylamine	1150	41.7	"	1670		69.2	21-119			12.9	30
N-Nitrosodiphenylamine	1780	41.7	"	1670		107	10-163			1.17	30
Pentachlorophenol	715	41.7	"	1670		42.9	10-143			14.9	30
Phenanthrene	1210	41.7	"	1670		72.7	24-123			3.04	30
Phenol	73.7	41.7	"	1670		4.42	15-123	Low Bias		174	30 Non-dir.
Pyrene	1230	41.7	"	1670		73.8	24-132			5.76	30
Pyridine	203	167	"	1670		12.2	10-92			93.7	30 Non-dir.
<i>Surrogate: 2-Fluorophenol</i>	<i>1420</i>		<i>"</i>	<i>2650</i>		<i>53.6</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>1720</i>		<i>"</i>	<i>2710</i>		<i>63.4</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1430</i>		<i>"</i>	<i>1740</i>		<i>82.2</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1250</i>		<i>"</i>	<i>1780</i>		<i>70.4</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2070</i>		<i>"</i>	<i>2510</i>		<i>82.5</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1090</i>		<i>"</i>	<i>1740</i>		<i>62.7</i>	<i>24-116</i>				



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70292 - EPA 3550C**

**Blank (BB70292-BLK1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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	"							
<i>Surrogate: Decachlorobiphenyl</i>	35.5		"	66.7	53.3	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	38.1		"	66.7	57.1	30-150				

**LCS (BB70292-BS1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

4,4'-DDD	30.1	0.330	ug/kg wet	33.3	90.3	40-140				
4,4'-DDE	28.5	0.330	"	33.3	85.5	40-140				
4,4'-DDT	27.6	0.330	"	33.3	82.9	40-140				
Aldrin	33.1	0.330	"	33.3	99.2	40-140				
alpha-BHC	33.4	0.330	"	33.3	100	40-140				
alpha-Chlordane	29.2	0.330	"	33.3	87.7	40-140				
beta-BHC	29.0	0.330	"	33.3	87.1	40-140				
delta-BHC	30.9	0.330	"	33.3	92.8	40-140				
Dieldrin	27.8	0.330	"	33.3	83.4	40-140				
Endosulfan I	30.6	0.330	"	33.3	91.8	40-140				
Endosulfan II	29.0	0.330	"	33.3	87.1	40-140				
Endosulfan sulfate	32.0	0.330	"	33.3	96.1	40-140				
Endrin	29.6	0.330	"	33.3	88.7	40-140				
Endrin aldehyde	32.7	0.330	"	33.3	98.2	40-140				
Endrin ketone	30.8	0.330	"	33.3	92.4	40-140				
gamma-BHC (Lindane)	31.8	0.330	"	33.3	95.4	40-140				
gamma-Chlordane	29.9	0.330	"	33.3	89.6	40-140				
Heptachlor	29.1	0.330	"	33.3	87.4	40-140				
Heptachlor epoxide	30.1	0.330	"	33.3	90.3	40-140				
Methoxychlor	26.0	1.65	"	33.3	78.0	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	34.0		"	66.7	51.0	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	30.7		"	66.7	46.1	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
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**Batch BB70457 - EPA 3550C**

**Blank (BB70457-BLK1)**

Prepared & Analyzed: 02/10/2017

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*

30.4

"

66.7

45.6

30-150

*Surrogate: Tetrachloro-m-xylene*

28.1

"

66.7

42.2

30-150

**LCS (BB70457-BS1)**

Prepared & Analyzed: 02/10/2017

4,4'-DDD	24.7	0.330	ug/kg wet	33.3		74.2	40-140
4,4'-DDE	24.2	0.330	"	33.3		72.7	40-140
4,4'-DDT	22.1	0.330	"	33.3		66.3	40-140
Aldrin	28.2	0.330	"	33.3		84.6	40-140
alpha-BHC	28.0	0.330	"	33.3		83.9	40-140
alpha-Chlordane	25.5	0.330	"	33.3		76.5	40-140
beta-BHC	24.7	0.330	"	33.3		74.1	40-140
delta-BHC	26.8	0.330	"	33.3		80.3	40-140
Dieldrin	27.8	0.330	"	33.3		83.5	40-140
Endosulfan I	26.7	0.330	"	33.3		80.1	40-140
Endosulfan II	25.2	0.330	"	33.3		75.5	40-140
Endosulfan sulfate	26.7	0.330	"	33.3		80.2	40-140
Endrin	24.0	0.330	"	33.3		71.9	40-140
Endrin aldehyde	26.2	0.330	"	33.3		78.5	40-140
Endrin ketone	25.2	0.330	"	33.3		75.5	40-140
gamma-BHC (Lindane)	26.9	0.330	"	33.3		80.8	40-140
gamma-Chlordane	24.9	0.330	"	33.3		74.7	40-140
Heptachlor	23.1	0.330	"	33.3		69.2	40-140
Heptachlor epoxide	26.3	0.330	"	33.3		78.9	40-140
Methoxychlor	19.9	1.65	"	33.3		59.7	40-140

*Surrogate: Decachlorobiphenyl*

32.1

"

66.7

48.1

30-150

*Surrogate: Tetrachloro-m-xylene*

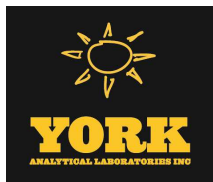
36.3

"

66.7

54.4

30-150



Organochlorine Pesticides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc.

Table with 12 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC, %REC Limits, Flag, RPD, RPD Limit, Flag

Batch Y7B1003 - BB70285

Performance Mix (Y7B1003-PEM1)

Prepared & Analyzed: 02/08/2017

Table with 7 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Endrin, Endrin aldehyde, Endrin ketone.

Performance Mix (Y7B1003-PEM2)

Prepared & Analyzed: 02/08/2017

Table with 7 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Endrin, Endrin aldehyde, Endrin ketone.

Batch Y7B1304 - BB70285

Performance Mix (Y7B1304-PEM1)

Prepared & Analyzed: 02/11/2017

Table with 7 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Endrin, Endrin aldehyde, Endrin ketone.

Performance Mix (Y7B1304-PEM3)

Prepared: 02/11/2017 Analyzed: 02/12/2017

Table with 7 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source\* Result, %REC. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Endrin, Endrin aldehyde, Endrin ketone.





**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70292 - EPA 3550C**

**Blank (BB70292-BLK2)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

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	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0520</i>		<i>"</i>	<i>0.0667</i>		<i>78.0</i>		<i>30-140</i>					
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0563</i>		<i>"</i>	<i>0.0667</i>		<i>84.5</i>		<i>30-140</i>					

**LCS (BB70292-BS2)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aroclor 1016	0.280	0.0167	mg/kg wet	0.333		84.0		40-130					
Aroclor 1260	0.279	0.0167	"	0.333		83.8		40-130					
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0500</i>		<i>"</i>	<i>0.0667</i>		<i>75.0</i>		<i>30-140</i>					
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0567</i>		<i>"</i>	<i>0.0667</i>		<i>85.0</i>		<i>30-140</i>					

**Batch BB70457 - EPA 3550C**

**Blank (BB70457-BLK2)**

Prepared & Analyzed: 02/10/2017

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	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0417</i>		<i>"</i>	<i>0.0667</i>		<i>62.5</i>		<i>30-140</i>					
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0463</i>		<i>"</i>	<i>0.0667</i>		<i>69.5</i>		<i>30-140</i>					



**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB70457 - EPA 3550C</b>											
<b>LCS (BB70457-BS2)</b>										Prepared & Analyzed: 02/10/2017	
Aroclor 1016	0.230	0.0167	mg/kg wet	0.333		69.1	40-130				
Aroclor 1260	0.202	0.0167	"	0.333		60.7	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0373</i>		"	<i>0.0667</i>		<i>56.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0380</i>		"	<i>0.0667</i>		<i>57.0</i>	<i>30-140</i>				



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70327 - EPA 3050B**

**Blank (BB70327-BLK1)**

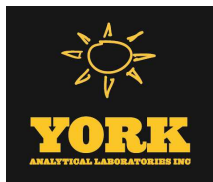
Prepared & Analyzed: 02/07/2017

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 (BB70327-SRM1)**

Prepared: 02/07/2017 Analyzed: 02/08/2017

Aluminum	6530	5.00	mg/kg wet	8200	79.7	40-159.7					
Antimony	25.0	0.500	"	105	23.8	19.6-254.3					
Arsenic	182	1.00	"	221	82.6	71-133.5					
Barium	371	1.00	"	428	86.6	74.6-125.5					
Beryllium	89.2	0.100	"	112	79.6	75-125					
Cadmium	97.6	0.300	"	126	77.5	73.3-126.2					
Calcium	4820	5.00	"	6160	78.3	73.9-126.1					
Chromium	58.8	0.500	"	74.7	78.8	68.5-131.3					
Cobalt	148	0.500	"	198	75.0	74.7-125.8					
Copper	69.7	0.500	"	83.3	83.7	73.8-130.8					
Iron	12500	2.00	"	14600	85.9	36.1-163.7					
Lead	65.1	0.300	"	76.9	84.6	68.8-131.3					
Magnesium	2480	5.00	"	3180	77.9	66.9-133.3					
Manganese	377	0.500	"	452	83.4	76.5-123.5					
Nickel	140	0.500	"	178	78.5	73.6-128.7					
Potassium	2360	5.00	"	2820	83.5	62.1-137.9					
Selenium	89.7	1.00	"	111	80.8	65.7-134.2					
Silver	1.29	0.500	"	59.6	2.17	66.8-133.1	Low Bias				
Sodium	577	10.0	"	643	89.7	54.9-145					
Thallium	113	1.00	"	151	74.8	68.2-131.1					
Vanadium	116	1.00	"	150	77.3	70.7-129.3					
Zinc	258	1.00	"	338	76.2	71.9-127.8					



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70391 - EPA 3050B**

**Blank (BB70391-BLK1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

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 (BB70391-SRM1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

Aluminum	6950	5.00	mg/kg wet	8200	84.8	40-159.7	
Antimony	73.9	0.500	"	105	70.4	19.6-254.3	
Arsenic	174	1.00	"	221	78.6	71-133.5	
Barium	377	1.00	"	428	88.1	74.6-125.5	
Beryllium	86.3	0.100	"	112	77.0	75-125	
Cadmium	91.1	0.300	"	126	72.3	73.3-126.2	Low Bias
Calcium	4670	5.00	"	6160	75.8	73.9-126.1	
Chromium	58.5	0.500	"	74.7	78.3	68.5-131.3	
Cobalt	165	0.500	"	198	83.3	74.7-125.8	
Copper	69.1	0.500	"	83.3	83.0	73.8-130.8	
Iron	13300	2.00	"	14600	91.1	36.1-163.7	
Lead	63.1	0.300	"	76.9	82.0	68.8-131.3	
Magnesium	2400	5.00	"	3180	75.5	66.9-133.3	
Manganese	350	0.500	"	452	77.4	76.5-123.5	
Nickel	137	0.500	"	178	77.0	73.6-128.7	
Potassium	2250	5.00	"	2820	79.8	62.1-137.9	
Selenium	85.0	1.00	"	111	76.6	65.7-134.2	
Silver	44.0	0.500	"	59.6	73.8	66.8-133.1	
Sodium	510	10.0	"	643	79.3	54.9-145	
Thallium	105	1.00	"	151	69.8	68.2-131.1	
Vanadium	116	1.00	"	150	77.0	70.7-129.3	
Zinc	245	1.00	"	338	72.5	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
<b>Batch BB70352 - EPA 7473 soil</b>											
<b>Blank (BB70352-BLK1)</b>										Prepared & Analyzed: 02/08/2017	
Mercury	ND	0.0300	mg/kg wet								
<b>Reference (BB70352-SRM1)</b>										Prepared & Analyzed: 02/08/2017	
Mercury	15.993		mg/kg	13.8		116	51.4-168.8				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB70472 - % Solids Prep**

<b>Duplicate (BB70472-DUP1)</b>	*Source sample: 17B0220-12 (SP-14 (8'-10'))							Prepared & Analyzed: 02/10/2017			
% Solids	82.8	0.100	%		82.3				0.514	20	



**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB70681 - Analysis Preparation Soil</b>											
<b>Blank (BB70681-BLK1)</b>											
Cyanide, total	ND	0.500	mg/kg wet								Prepared & Analyzed: 02/14/2017
<b>Reference (BB70681-SRM1)</b>											
Cyanide, total	39.0		ug/mL	53.9		72.4	37.5-163.7				Prepared & Analyzed: 02/14/2017



## Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0220-01	SP-12 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0220-02	SP-12 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
17B0220-03	SP-12 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0220-04	SP-12 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
17B0220-05	SP-13 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0220-06	SP-13 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
17B0220-07	SP-13 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0220-08	SP-13 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
17B0220-09	SP-14 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
17B0220-10	SP-14 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
17B0220-11	SP-14 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
17B0220-12	SP-14 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
17B0220-13	SP-9 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
17B0220-14	SP-9 (2'-4')	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.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-01	This internal standard did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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  
120 RESEARCH DR.  
STRATFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

York Project No. 17B0220

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.

<b>YOUR Information</b> Company: <u>Hydro Tech Environmental Company</u> Address: <u>15 Ocean Avenue - Brooklyn</u> Phone No: <u>718-636-0800</u> Contact Person: <u>Andrew Infante</u> E-Mail Address: <u>ahydrotech@hydrotechenv.com</u>		<b>Report To:</b> Company: <u>SAME</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>SAME</u> Address: _____ Phone No: _____ Attention: <u>Mushama Wood</u> E-Mail Address: <u>wood@hydrotechenv.com</u>		<b>YOUR Project ID</b> <u>150213-198E-1354</u> <u>Street, Bronx, NY</u> <b>Purchase Order No.</b> <u>1067</u>		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard (5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> <i>Electronic Data Deliverables (EDD)</i> Simple Excel <input checked="" type="checkbox"/> NYSDEC EQulS <input checked="" type="checkbox"/> EQulS (std) <input type="checkbox"/> EZ-EDD (EQulS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ <b>York Regulatory Comparison Excel Spreadsheet</b> Compare to the following Regs. (please fill in):			
<b>Matrix Codes</b> S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		<b>Semi-Vols.</b> 8270 or 625 STARS list BN Only BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		<b>Volatiles</b> TICs Site Spec. STARS list Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		<b>Metals</b> RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLP or TCLP Ind. Metals LIST Below		<b>Misc. Org.</b> TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		<b>Full Lists</b> Pri. Poll. TCL Ogrms TAL MetCN Full TCLP Full App. IX Part 360 Reair Part 360 Baseline Part 360 Final Part 360 Annual Full List Sewer NY CDEP Sewer NYSDDEC Sewer TAGM Silica		<b>Misc.</b> Comstivity 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 all questions by York are resolved.**

Samples Collected/Authorized By (Signature)  
Kamal Dixit  
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-12 (2'-4')	2/2/17 12:40pm	S	TCL VOCs via 8260; TCL SVOCs 8270;	18oz jar +
SP-12 (4'-6')	12:45	S	Pesticides via 8081; PCBs via 8082;	2 Hexacore
SP-12 (6'-8')	12:50	S	TAL Metals via 8010; 7471 Mercury	
SP-12 (8'-10')	12:55	S		
SP-13 (2'-4')	1:10	S		
SP-13 (4'-6')	1:20	S		
SP-13 (6'-8')	1:25	S		
SP-13 (8'-10')	1:25	S		
SP-14 (2'-4')	2:00	S		
SP-14 (4'-6')	2:10	S		

Comments  
 Preservation  4°C  Frozen  HCl  MeOH  HNO<sub>3</sub>  H<sub>2</sub>SO<sub>4</sub>  NaOH  Other \_\_\_\_\_  
 Check those Applicable  
 Special Instructions  Field Filtered  Lab to Filter   
 Samples Relinquished By [Signature] Date/Time 2/6/17 5:25  
 Samples Received By Robin Tino Date/Time 2/6 3:50  
 Samples Relinquished By [Signature] Date/Time 2/6/17 18:40  
 Samples Received in LAB by \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Temperature on Receipt 0.5 °C



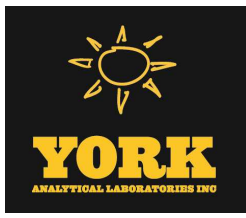
YORK ANALYTICAL LABORATORIES  
120 RESEARCH DR.  
STRATFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

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

York Project No. 17B0220

<b>YOUR Information</b> Company: <u>Hydro Tech Environmental</u> Address: <u>15 Ocean Ave</u> <u>Brooklyn, NY</u> Phone No. <u>718-836-0800</u> Contact Person: <u>Andrew Infante</u> <u>awinfante@hydrotechenvironmental.com</u> E-Mail Address: <u>awinfante@hydrotechenvironmental.com</u>	<b>Report To:</b> Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	<b>Invoice To:</b> Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	<b>YOUR Project ID</b> <u>150213: 198E</u> <u>Brooklyn, NY</u> <b>Purchase Order No.</b> <u>1067</u> Samples from: CT <input type="checkbox"/> NJ <input checked="" type="checkbox"/>	<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard(5-7 Days)</b> <input checked="" type="checkbox"/>	<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input type="checkbox"/> CTCRP DQ/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NUDEP Red. Deliv. <input type="checkbox"/> <u>Electronic Data Deliverables (EDD)</u> <input checked="" type="checkbox"/> Simple Excel <input type="checkbox"/> NYSDEC EQuIS <input type="checkbox"/> EQuIS (std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NUDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ <b>York Regulatory Comparison</b> <b>Excel Spreadsheet</b> Compare to the following Regs. (please fill in): _____		
<b>Volatiles</b> 8260 full TICs 624 Site Spec. STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones TCL list Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog-only NUDEP list App.IX list SPLPer TCLP 8021B list		<b>Semi-Vols; Pest/Ch/Herb</b> RCRA8 PPI13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLPer TCLP Infr. Metals LIST Below		<b>Metals</b> TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		<b>Misc. Org.</b> TPH Pol. TCL Organics TAL MetCN Full TCLP Full App. IX Part.360-Routine Part.360-Routine Part.360-Routine Part.360-Expanded Part.360-Expanded Full List NYDEP-Sever NYDEP-Sever ASBESTOS TAGM Silica	
<b>Matrix Codes</b> S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		<b>Choose Analyses Needed from the Menu Above and Enter Below</b> <u>STL VOCs 8260; TCL SVOCs 8270;</u> <u>Pesticides via 8281; PCBs via 8282;</u> <u>TAL Metals via 6010; 7471 Mercury</u>					
<b>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.</b>		<b>Sample Matrix</b> S S ↓					
Samples Collected/Authorized By (Signature) <u>James Dixit</u> Name (printed)		<b>Sample Identification</b> <u>SP-14 (6'-8')</u> <u>SP-14 (8'-10')</u> <u>SP-9 (0'-2')</u> <u>SP-9 (2'-4')</u>					
Container Description(s) <u>18oz jar + 2 terracone</u>		<b>Date/Time Sampled</b> <u>02/02 2:15</u> <u>02/02 2:20</u> <u>02/02 9:10am</u> <u>02/02 9:15am</u>					
<b>Comments</b> Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		<b>Temperature on Receipt</b> <u>4.3 °C</u>					



# Technical Report

prepared for:

## **Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue

Brooklyn NY, 11225

**Attention: AJ Infante**

Report Date: 03/08/2017

**Client Project ID: 150213: 198 E 135th Street, Bronx, NY**

York Project (SDG) No.: 17B0204

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](mailto:ClientServices@yorklab.com)

**Hydro Tech Environmental (Brooklyn)**

15 Ocean Avenue  
Brooklyn NY, 11225  
Attention: AJ Infante

---

**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 06, 2017 and listed below. The project was identified as your project: **150213: 198 E 135th Street, Bronx, NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17B0204-01	MW-1	Water	02/03/2017	02/06/2017
17B0204-02	MW-2R	Water	02/03/2017	02/06/2017
17B0204-03	MW-3	Water	02/03/2017	02/06/2017
17B0204-04	Field Blank-1	Water	02/01/2017	02/06/2017
17B0204-05	Field Blank-2	Water	02/02/2017	02/06/2017
17B0204-06	Field Blank-3	Water	02/03/2017	02/06/2017
17B0204-07	Trip Blank-1	Water	02/01/2017	02/06/2017
17B0204-08	Trip Blank-2	Water	02/02/2017	02/06/2017
17B0204-09	Trip Blank-3	Water	02/03/2017	02/06/2017

## **General Notes for York Project (SDG) No.: 17B0204**

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:** 03/08/2017





### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

York Project (SDG) No.  
17B0204

Client Project ID  
150213: 198 E 135th Street, Bronx, NY

Matrix  
Water

Collection Date/Time  
February 3, 2017 10:30 am

Date Received  
02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 15:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	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	02/06/2017 08:24	02/07/2017 15:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK





### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 10:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-15-0	<b>Carbon disulfide</b>	<b>0.45</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.38</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK



### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 10:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 15:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
1634-04-4	<b>Methyl tert-butyl ether (MTBE)</b>	<b>1.9</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:55	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:55	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:55	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:55	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK



### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

York Project (SDG) No.

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Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 10:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 15:55	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.6 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	89.7 %			79-122						

**Volatile Organics, Tentatively Identified Cmpds.**

**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
NA	cyclotetrasiloxane isomer	33	N	ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 15:55	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH



### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

York Project (SDG) No.

Client Project ID

Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 10:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
120-12-7	<b>Anthracene</b>	<b>0.0600</b>		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR



### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 10:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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February 3, 2017 10:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:42	SR
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:37	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	26.1 %			12-64						
4165-62-2	Surrogate: Phenol-d5	19.0 %			10-82						
4165-60-0	Surrogate: Nitrobenzene-d5	49.6 %			12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	58.7 %			16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.3 %			15-104						
1718-51-0	Surrogate: Terphenyl-d14	59.4 %			15-106						

**Semi-Volatiles, Tentatively Identified Cmpds.**

**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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	02/10/2017 07:27	02/10/2017 13:37	KH

**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	02/10/2017 07:14	02/11/2017 12:54	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA



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**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	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:54	SA

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	38.9 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	34.1 %	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	02/10/2017 07:14	02/11/2017 11:58	SA



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**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
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 11:58	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 11:58	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 11:58	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 11:58	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 11:58	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 11:58	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	02/10/2017 07:14	02/11/2017 11:58	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	112 %			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	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-39-3	Barium	0.0688		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-70-2	Calcium	167		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-50-8	Copper	0.00328		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7439-89-6	Iron	0.110		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7439-92-1	Lead	0.00389		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7439-95-4	Magnesium	22.5		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7439-96-5	Manganese	0.362		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-02-0	Nickel	0.00683		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-09-7	Potassium	14.0		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV





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**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	02/08/2017 10:20	02/08/2017 16:27	KV
7440-23-5	Sodium	119		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	KV
7440-66-6	Zinc	0.0173		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:27	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	02/10/2017 06:46	02/10/2017 08:55	KV
7440-39-3	Barium	0.0782		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-70-2	Calcium	181		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-50-8	Copper	0.00637		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7439-89-6	Iron	0.0369		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7439-95-4	Magnesium	24.4		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7439-96-5	Manganese	0.398		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-02-0	Nickel	0.00865		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-09-7	Potassium	15.5		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-23-5	Sodium	122		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV
7440-66-6	Zinc	0.0202		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 08:55	KV



### Sample Information

**Client Sample ID:** MW-1

**York Sample ID:** 17B0204-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 10:30 am

02/06/2017

**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
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD
7440-38-2	Arsenic	3.58		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD
7440-41-7	Beryllium	0.689		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD
7439-98-7	Molybdenum	2.40		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD
7782-49-2	* Selenium	14.4		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:08	ALD

**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	02/08/2017 10:50	02/09/2017 02:30	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:30	ALD
7440-41-7	Beryllium	1.00		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:30	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:30	ALD
7439-98-7	Molybdenum	2.42		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:30	ALD
7782-49-2	* Selenium	12.0		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:30	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:30	ALD

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**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
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### Sample Information

**Client Sample ID:** MW-1 **York Sample ID:** 17B0204-01  
**York Project (SDG) No.** 17B0204 **Client Project ID** 150213: 198 E 135th Street, Bronx, NY **Matrix** Water **Collection Date/Time** February 3, 2017 10:30 am **Date Received** 02/06/2017

7439-97-6 Mercury ND mg/L 0.00020 0.00020 1 EPA 7473 02/08/2017 08:57 02/10/2017 13:27 KV  
 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/08/2017 08:10	02/08/2017 15:25	AD

### Sample Information

**Client Sample ID:** MW-2R **York Sample ID:** 17B0204-02  
**York Project (SDG) No.** 17B0204 **Client Project ID** 150213: 198 E 135th Street, Bronx, NY **Matrix** Water **Collection Date/Time** February 3, 2017 12:30 pm **Date Received** 02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 15:27	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	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	02/06/2017 08:24	02/07/2017 15:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

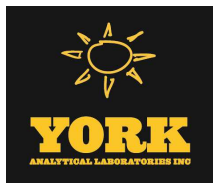
**Volatile Organics, 8260 List - Low Level**

**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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
67-64-1	<b>Acetone</b>	<b>1.1</b>	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 15:27	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:27	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:27	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 15:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 15:27	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	86.5 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.4 %			79-122						

**Volatile Organics, Tentatively Identified Cmpds.**

**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
NA	benzeneethanamine isomer	18	N	ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 15:27	BK
NA	cyclotetrasiloxane isomer	18	N	ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 15:27	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH



Sample Information

Client Sample ID: MW-2R

York Sample ID: 17B0204-02

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Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 4-Nitroaniline, 4-Nitrophenol, Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Benzyl alcohol, Benzyl butyl phthalate, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, Chrysene, Dibenzo(a,h)anthracene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate.





### Sample Information

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
206-44-0	<b>Fluoranthene</b>	<b>0.0513</b>	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	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	02/10/2017 07:27	02/10/2017 13:13	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
91-20-3	<b>Naphthalene</b>	<b>0.0513</b>	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
85-01-8	<b>Phenanthrene</b>	<b>0.0718</b>		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
129-00-0	<b>Pyrene</b>	<b>0.0513</b>	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:13	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:09	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: 2-Fluorophenol	30.0 %	12-64								
4165-62-2	Surrogate: Phenol-d5	22.4 %	10-82								
4165-60-0	Surrogate: Nitrobenzene-d5	61.3 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	64.8 %	16-84								
118-79-6	Surrogate: 2,4,6-Tribromophenol	83.8 %	15-104								
1718-51-0	Surrogate: Terphenyl-d14	66.2 %	15-106								



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**Semi-Volatiles, Tentatively Identified Cmpds.**

**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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	02/10/2017 07:27	02/10/2017 14:09	KH

**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	0.0138		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
50-29-3	4,4'-DDT	0.00868		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**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
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:37	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	38.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	34.4 %			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
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:22	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	02/10/2017 07:14	02/11/2017 12:22	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	90.5 %			30-120						

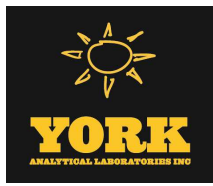
**Metals, Target Analyte, ICP**

**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	0.125		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-39-3	Barium	0.130		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**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	211		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-50-8	Copper	0.00351		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7439-89-6	Iron	2.69		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7439-92-1	Lead	0.0131		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7439-95-4	Magnesium	38.4		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7439-96-5	Manganese	0.973		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-02-0	Nickel	0.00699		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-09-7	Potassium	17.7		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-23-5	Sodium	83.8		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	KV
7440-66-6	Zinc	0.0180		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:32	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	02/10/2017 06:46	02/10/2017 09:00	KV
7440-39-3	Barium	0.129		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-70-2	Calcium	228		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-50-8	Copper	0.00480		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7439-89-6	Iron	0.0332		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV



### Sample Information

**Client Sample ID:** MW-2R

**York Sample ID:** 17B0204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

**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	39.9		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7439-96-5	Manganese	1.04		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-02-0	Nickel	0.00860		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-09-7	Potassium	19.3		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-23-5	Sodium	87.1		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV
7440-66-6	Zinc	0.0143		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:00	KV

**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	02/08/2017 10:44	02/09/2017 06:15	ALD
7440-38-2	Arsenic	2.98		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:15	ALD
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:15	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:15	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:15	ALD
7782-49-2	* Selenium	10.6		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:44	02/09/2017 06:15	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:15	ALD

**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	02/08/2017 10:50	02/09/2017 02:37	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:37	ALD



Sample Information

Client Sample ID: MW-2R

York Sample ID: 17B0204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:30 pm

02/06/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Beryllium (0.844), Cadmium (ND), Molybdenum (ND), Selenium (9.76), and Thallium (ND).

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Mercury (ND).

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Mercury (ND).

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Cyanide, total (ND).

Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

York Project (SDG) No. 17B0204 Client Project ID 150213: 198 E 135th Street, Bronx, NY Matrix Water Collection Date/Time February 3, 2017 11:30 am Date Received 02/06/2017

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds and their analysis results.



### Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
74-83-9	<b>Bromomethane</b>	<b>0.95</b>	J	ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-15-0	<b>Carbon disulfide</b>	<b>1.4</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK





### Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
1634-04-4	<b>Methyl tert-butyl ether (MTBE)</b>	<b>0.63</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:59	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:59	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:59	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 14:59	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

#### Volatile Organics, 8260 List - Low Level

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	79.4 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %			79-122						

#### Volatile Organics, Tentatively Identified Cmpds.

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
NA	alkyl benzene isomers	27	N	ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 14:59	BK
NA	benzoic acid isomer	26	N	ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 14:59	BK

#### Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH



## Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH



Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 28 rows of chemical analysis data.



### Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 13:45	SR
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:43	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	28.3 %		12-64
4165-62-2	Surrogate: Phenol-d5	19.4 %		10-82
4165-60-0	Surrogate: Nitrobenzene-d5	56.1 %		12-96
321-60-8	Surrogate: 2-Fluorobiphenyl	60.1 %		16-84
118-79-6	Surrogate: 2,4,6-Tribromophenol	85.6 %		15-104
1718-51-0	Surrogate: Terphenyl-d14	66.5 %		15-106

**Semi-Volatiles, Tentatively Identified Cmpds.**

**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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	02/10/2017 07:27	02/10/2017 17:07	SR

**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	02/10/2017 07:14	02/12/2017 04:52	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA



### Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 17B0204-03

**York Project (SDG) No.**

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**Matrix**

**Collection Date/Time**

**Date Received**

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

**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
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
57-74-9	Chlordane, total	ND		ug/L	0.0200	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 04:52	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
2051-24-3	Surrogate: Decachlorobiphenyl	47.5 %						30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	34.6 %						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	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA



### Sample Information

**Client Sample ID:** MW-3

**York Sample ID:** 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

**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
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 12:47	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications:	02/10/2017 07:14	02/11/2017 12:47	SA

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8 Surrogate: Tetrachloro-m-xylene 60.5 % 30-120

2051-24-3 Surrogate: Decachlorobiphenyl 81.0 % 30-120

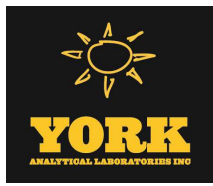
**Metals, Target Analyte, ICP**

**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	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-39-3	Barium	0.0246		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-70-2	Calcium	79.4		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-50-8	Copper	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7439-89-6	Iron	5.51		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7439-92-1	Lead	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7439-95-4	Magnesium	24.1		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7439-96-5	Manganese	1.03		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-02-0	Nickel	0.00556		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-09-7	Potassium	29.3		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:37	KV



Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Sodium (257), Vanadium (ND), and Zinc (0.0122).

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Aluminum (ND), Barium (ND), Calcium (85.4), Chromium (ND), Copper (0.00360), Iron (0.0485), Lead (ND), Magnesium (25.7), Manganese (1.06), Nickel (0.00630), Potassium (32.2), Silver (ND), Sodium (269), Vanadium (ND), and Zinc (ND).

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:





Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 17B0204, 150213: 198 E 135th Street, Bronx, NY, Water, February 3, 2017 11:30 am, 02/06/2017

Sample Prepared by Method: EPA 3015A

Main analytical data table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Antimony, Arsenic, Beryllium, Cadmium, Molybdenum, Selenium, and Thallium.

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Main analytical data table for Metals, Target Analyte, ICPMS Dissolved. Columns and structure are identical to the first table.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Analytical data table for Mercury by 7473. Columns and structure are identical to the previous tables.

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Analytical data table for Mercury by 7473, Dissolved. Columns and structure are identical to the previous tables.



Sample Information

Client Sample ID: MW-3

York Sample ID: 17B0204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:30 am

02/06/2017

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.00020 0.00020 1 EPA 7473 02/08/2017 08:57 02/10/2017 13:27 KV

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5 Cyanide, total ND mg/L 0.0100 0.0100 1 SM 4500 CN C/E 02/08/2017 08:10 02/08/2017 15:25 AD

Sample Information

Client Sample ID: Field Blank-1

York Sample ID: 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 630-20-6, 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4, 563-58-6, 87-61-6, 96-18-4, 527-53-7.



Sample Information

Client Sample ID: Field Blank-1

York Sample ID: 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

Volatile Organics, 8260 List - Low Level

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

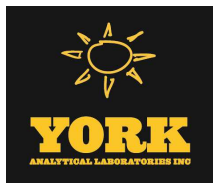
**Volatile Organics, 8260 List - Low Level**

**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
74-83-9	Bromomethane	0.97	J	ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:32	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:32	BK



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:32	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
108-88-3	<b>Toluene</b>	<b>0.30</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 14:32	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	76.7 %			69-130
2037-26-5	Surrogate: Toluene-d8	100 %			81-117
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %			79-122

**Volatile Organics, Tentatively Identified Cmpds.**

**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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 14:32	BK

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH



## Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	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	02/10/2017 07:27	02/10/2017 14:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	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	02/10/2017 07:27	02/10/2017 14:16	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
91-20-3	<b>Naphthalene</b>	<b>0.0513</b>	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:16	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/13/2017 12:53	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: 2-Fluorophenol	37.9 %	12-64								
4165-62-2	Surrogate: Phenol-d5	21.4 %	10-82								
4165-60-0	Surrogate: Nitrobenzene-d5	79.7 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	81.4 %	16-84								
118-79-6	Surrogate: 2,4,6-Tribromophenol	106 %	S-08	15-104							





### Sample Information

**Client Sample ID:** Field Blank-1

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: Terphenyl-d14	83.4 %			15-106						

**Semi-Volatiles, Tentatively Identified Cmpds.**

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
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	02/10/2017 07:27	02/10/2017 16:36	SR

**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	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
57-74-9	Chlordane, total	ND		ug/L	0.0216	0.0216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**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
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:07	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	49.6 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.7 %			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	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:11	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	02/10/2017 07:14	02/11/2017 13:11	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	64.0 %			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
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@		



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

<u>York Project (SDG) No.</u> 17B0204	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> February 1, 2017 12:00 pm	<u>Date Received</u> 02/06/2017
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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	02/08/2017 10:20	02/08/2017 16:43	KV
7440-39-3	Barium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-70-2	<b>Calcium</b>	<b>0.138</b>		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-50-8	Copper	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7439-92-1	Lead	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7439-95-4	Magnesium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7439-96-5	Manganese	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-02-0	<b>Nickel</b>	<b>0.00728</b>		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-09-7	Potassium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-23-5	<b>Sodium</b>	<b>0.594</b>		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	KV
7440-66-6	Zinc	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:43	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	02/10/2017 06:46	02/10/2017 09:10	KV
7440-39-3	Barium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-70-2	<b>Calcium</b>	<b>0.0763</b>		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-50-8	Copper	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7439-89-6	<b>Iron</b>	<b>0.0403</b>		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**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	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7439-96-5	Manganese	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-02-0	<b>Nickel</b>	<b>0.00863</b>		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-09-7	<b>Potassium</b>	<b>0.0980</b>		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-23-5	<b>Sodium</b>	<b>0.746</b>		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV
7440-66-6	<b>Zinc</b>	<b>0.0120</b>		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:10	KV

**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	02/08/2017 10:44	02/09/2017 06:29	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:29	ALD
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:29	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:29	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:29	ALD
7782-49-2	<b>* Selenium</b>	<b>5.51</b>		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:44	02/09/2017 06:29	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:29	ALD

**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	02/08/2017 10:50	02/09/2017 02:51	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:51	ALD



### Sample Information

**Client Sample ID:** Field Blank-1

**York Sample ID:** 17B0204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 pm

02/06/2017

**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
7440-41-7	Beryllium	0.444		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:51	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:51	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:51	ALD
7782-49-2	* Selenium	2.58		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:50	02/09/2017 02:51	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:51	ALD

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/08/2017 08:10	02/08/2017 15:25	AD

### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

<u>York Project (SDG) No.</u> 17B0204	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> February 2, 2017 9:30 am	<u>Date Received</u> 02/06/2017
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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	02/06/2017 08:24	02/07/2017 14:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	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	02/06/2017 08:24	02/07/2017 14:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK



### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK



### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

York Project (SDG) No.

Client Project ID

Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:04	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:04	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 14:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
108-88-3	<b>Toluene</b>	<b>0.30</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 14:04	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**





### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

York Project (SDG) No.

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Matrix

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17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 9:30 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

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	83.4 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %			79-122						

**Volatile Organics, Tentatively Identified Cmpds.**

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 14:04	BK

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR



### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

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150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 9:30 am

02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	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	02/10/2017 07:27	02/10/2017 14:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	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	02/10/2017 07:27	02/10/2017 14:47	SR
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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02/06/2017

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 14:47	SR
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:21	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	49.7 %			12-64						
4165-62-2	Surrogate: Phenol-d5	20.8 %			10-82						
4165-60-0	Surrogate: Nitrobenzene-d5	70.1 %			12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	68.2 %			16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	134 %	S-08		15-104						
1718-51-0	Surrogate: Terphenyl-d14	123 %	S-08		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	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA



### Sample Information

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150213: 198 E 135th Street, Bronx, NY

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**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
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:22	SA
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
2051-24-3	Surrogate: Decachlorobiphenyl	56.2 %						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 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	02/10/2017 07:14	02/11/2017 13:35	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:35	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:35	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:35	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:35	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:35	SA



### Sample Information

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**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	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:35	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	02/10/2017 07:14	02/11/2017 13:35	SA
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			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	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-39-3	Barium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-70-2	<b>Calcium</b>	<b>0.0739</b>		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-50-8	Copper	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7439-92-1	Lead	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7439-95-4	Magnesium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7439-96-5	Manganese	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-02-0	<b>Nickel</b>	<b>0.00729</b>		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-09-7	Potassium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-23-5	<b>Sodium</b>	<b>0.514</b>		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV
7440-66-6	<b>Zinc</b>	<b>0.0195</b>		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:48	KV

**Metals, Target Analyte, ICP Dissolved**

Log-in Notes:

Sample Notes:



### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

<u>York Project (SDG) No.</u> 17B0204	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> February 2, 2017 9:30 am	<u>Date Received</u> 02/06/2017
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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	02/10/2017 06:46	02/10/2017 09:15	KV
7440-39-3	Barium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-70-2	Calcium	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-50-8	Copper	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7439-89-6	<b>Iron</b>	<b>0.0238</b>		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7439-95-4	Magnesium	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7439-96-5	Manganese	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-02-0	<b>Nickel</b>	<b>0.00824</b>		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-09-7	<b>Potassium</b>	<b>0.0825</b>		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-23-5	<b>Sodium</b>	<b>0.629</b>		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV
7440-66-6	Zinc	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:15	KV

**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	02/08/2017 10:44	02/09/2017 06:36	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:36	ALD
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:36	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:36	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:36	ALD
7782-49-2	<b>* Selenium</b>	<b>3.18</b>		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:44	02/09/2017 06:36	ALD



### Sample Information

**Client Sample ID:** Field Blank-2

**York Sample ID:** 17B0204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 9:30 am

02/06/2017

**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
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:36	ALD

**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	02/08/2017 10:50	02/09/2017 02:58	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:58	ALD
7440-41-7	<b>Beryllium</b>	<b>0.689</b>		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:58	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:58	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:58	ALD
7782-49-2	* Selenium	<b>2.56</b>		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:50	02/09/2017 02:58	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 02:58	ALD

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/08/2017 08:10	02/08/2017 15:25	AD





**Sample Information**

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:39 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 13:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	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	02/06/2017 08:24	02/07/2017 13:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK



### Sample Information

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:39 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
67-64-1	<b>Acetone</b>	<b>1.4</b>	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK



### Sample Information

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:39 am

02/06/2017

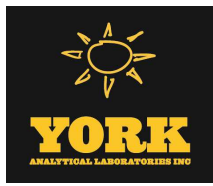
**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 13:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:36	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:36	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
108-88-3	<b>Toluene</b>	<b>0.29</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK



### Sample Information

Client Sample ID: Field Blank-3

York Sample ID: 17B0204-06

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#### Volatile Organics, 8260 List - Low Level

#### 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
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 13:36	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.6 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %			79-122						

#### Volatile Organics, Tentatively Identified Cmpds.

#### 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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	02/06/2017 08:24	02/07/2017 13:36	BK

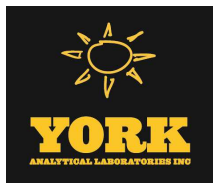
#### Semi-Volatiles, 8270 Target List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR



Sample Information

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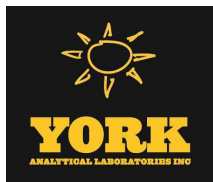
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds like 2-Methylnaphthalene, 2-Methylphenol, etc.



### Sample Information

**Client Sample ID:** Field Blank-3

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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	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	02/10/2017 07:27	02/10/2017 15:19	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 12:52	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:27	02/10/2017 15:19	SR



Sample Information

Client Sample ID: Field Blank-3

York Sample ID: 17B0204-06

York Project (SDG) No.

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Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various compounds like N-Nitrosodimethylamine, Phenol, Pyrene, and a Surrogate Recoveries section.

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for pesticides like 4,4'-DDD, Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, and Chlordane, total.



### Sample Information

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

**York Project (SDG) No.**

**Client Project ID**

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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
60-57-1	Dieldrin	ND		ug/L	0.00250	0.00250	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
959-98-8	Endosulfan I	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
72-20-8	Endrin	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
76-44-8	Heptachlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
72-43-5	Methoxychlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
8001-35-2	Toxaphene	ND		ug/L	0.125	0.125	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 07:14	02/12/2017 05:37	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
2051-24-3	Surrogate: Decachlorobiphenyl	20.8 %	GC-Sur		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.3 %	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	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA





### Sample Information

**Client Sample ID:** Field Blank-3

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**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	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/10/2017 07:14	02/11/2017 13:59	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications:	02/10/2017 07:14	02/11/2017 13:59	SA
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	37.0 %	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	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-39-3	Barium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-70-2	Calcium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-50-8	Copper	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7439-92-1	Lead	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7439-95-4	Magnesium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7439-96-5	Manganese	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-02-0	<b>Nickel</b>	<b>0.00728</b>		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-09-7	Potassium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-23-5	<b>Sodium</b>	<b>0.503</b>		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	KV



### Sample Information

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:39 am

02/06/2017

**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
7440-66-6	Zinc	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:20	02/08/2017 16:53	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	02/10/2017 06:46	02/10/2017 09:20	KV
7440-39-3	Barium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-70-2	<b>Calcium</b>	<b>0.0669</b>		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-50-8	Copper	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7439-89-6	Iron	ND		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7439-95-4	Magnesium	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7439-96-5	Manganese	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-02-0	<b>Nickel</b>	<b>0.00943</b>		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-09-7	<b>Potassium</b>	<b>0.0587</b>		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-23-5	<b>Sodium</b>	<b>0.659</b>		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV
7440-66-6	Zinc	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 06:46	02/10/2017 09:20	KV

**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	02/08/2017 10:44	02/09/2017 06:43	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:43	ALD



### Sample Information

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 11:39 am

02/06/2017

**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
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:43	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:43	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:43	ALD
7782-49-2	* Selenium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:44	02/09/2017 06:43	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:44	02/09/2017 06:43	ALD

**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	02/08/2017 10:50	02/09/2017 03:04	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 03:04	ALD
7440-41-7	<b>Beryllium</b>	<b>0.578</b>		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 03:04	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 03:04	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 03:04	ALD
7782-49-2	* Selenium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	02/08/2017 10:50	02/09/2017 03:04	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2017 10:50	02/09/2017 03:04	ALD

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**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	02/08/2017 08:57	02/10/2017 13:27	KV

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** Field Blank-3

**York Sample ID:** 17B0204-06

<u>York Project (SDG) No.</u> 17B0204	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> February 3, 2017 11:39 am	<u>Date Received</u> 02/06/2017
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Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/08/2017 08:10	02/08/2017 15:25	AD

### Sample Information

**Client Sample ID:** Trip Blank-1

**York Sample ID:** 17B0204-07

<u>York Project (SDG) No.</u> 17B0204	<u>Client Project ID</u> 150213: 198 E 135th Street, Bronx, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> February 1, 2017 12:00 am	<u>Date Received</u> 02/06/2017
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### Volatile Organics, 8260 List - Low Level

### 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	02/06/2017 08:24	02/07/2017 13:08	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	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	02/06/2017 08:24	02/07/2017 13:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK



### Sample Information

**Client Sample ID:** Trip Blank-1

**York Sample ID:** 17B0204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
67-64-1	<b>Acetone</b>	<b>1.3</b>	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
74-83-9	<b>Bromomethane</b>	<b>1.1</b>	J	ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK



### Sample Information

**Client Sample ID:** Trip Blank-1

**York Sample ID:** 17B0204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:08	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:08	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 13:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK



### Sample Information

**Client Sample ID:** Trip Blank-1

**York Sample ID:** 17B0204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 1, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 13:08	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	84.9 %	69-130								
2037-26-5	Surrogate: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %	79-122								

### Sample Information

**Client Sample ID:** Trip Blank-2

**York Sample ID:** 17B0204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 12:40	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	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	02/06/2017 08:24	02/07/2017 12:40	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK



### Sample Information

**Client Sample ID:** Trip Blank-2

**York Sample ID:** 17B0204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 12:40	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK





### Sample Information

**Client Sample ID:** Trip Blank-2

**York Sample ID:** 17B0204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK



### Sample Information

**Client Sample ID:** Trip Blank-2

**York Sample ID:** 17B0204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 2, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:40	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:40	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:40	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:40	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 12:40	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	86.4 %	69-130
2037-26-5	Surrogate: Toluene-d8	98.0 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	95.4 %	79-122



### Sample Information

**Client Sample ID:** Trip Blank-3

**York Sample ID:** 17B0204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 12:12	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	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	02/06/2017 08:24	02/07/2017 12:12	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:12	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK



### Sample Information

**Client Sample ID:** Trip Blank-3

**York Sample ID:** 17B0204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
74-83-9	<b>Bromomethane</b>	<b>1.2</b>	J	ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK



### Sample Information

**Client Sample ID:** Trip Blank-3

**York Sample ID:** 17B0204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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	02/06/2017 08:24	02/07/2017 12:12	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:12	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:12	BK
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:12	BK
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/06/2017 08:24	02/07/2017 12:12	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK



**Sample Information**

**Client Sample ID:** Trip Blank-3

**York Sample ID:** 17B0204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0204

150213: 198 E 135th Street, Bronx, NY

Water

February 3, 2017 12:00 am

02/06/2017

**Volatile Organics, 8260 List - Low Level**

**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
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/06/2017 08:24	02/07/2017 12:12	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	81.8 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	92.6 %			79-122						



## Analytical Batch Summary

**Batch ID:** BB70302      **Preparation Method:** EPA 5030B      **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/06/17
17B0204-01	MW-1	02/06/17
17B0204-02	MW-2R	02/06/17
17B0204-02	MW-2R	02/06/17
17B0204-03	MW-3	02/06/17
17B0204-03	MW-3	02/06/17
17B0204-04	Field Blank-1	02/06/17
17B0204-04	Field Blank-1	02/06/17
17B0204-05	Field Blank-2	02/06/17
17B0204-05	Field Blank-2	02/06/17
17B0204-06	Field Blank-3	02/06/17
17B0204-06	Field Blank-3	02/06/17
17B0204-07	Trip Blank-1	02/06/17
17B0204-08	Trip Blank-2	02/06/17
17B0204-09	Trip Blank-3	02/06/17
BB70302-BLK1	Blank	02/07/17
BB70302-BS1	LCS	02/07/17
BB70302-BSD1	LCS Dup	02/07/17

**Batch ID:** BB70376      **Preparation Method:** Analysis Preparation      **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/08/17
17B0204-02	MW-2R	02/08/17
17B0204-03	MW-3	02/08/17
17B0204-04	Field Blank-1	02/08/17
17B0204-05	Field Blank-2	02/08/17
17B0204-06	Field Blank-3	02/08/17
BB70376-BLK1	Blank	02/08/17
BB70376-BS1	LCS	02/08/17

**Batch ID:** BB70379      **Preparation Method:** EPA 7473 water      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/08/17
17B0204-02	MW-2R	02/08/17
17B0204-03	MW-3	02/08/17
17B0204-04	Field Blank-1	02/08/17
17B0204-05	Field Blank-2	02/08/17
17B0204-06	Field Blank-3	02/08/17
BB70379-BLK1	Blank	02/08/17
BB70379-SRM1	Reference	02/08/17



**Batch ID:** BB70388

**Preparation Method:** EPA 3015A

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/08/17
17B0204-02	MW-2R	02/08/17
17B0204-03	MW-3	02/08/17
17B0204-04	Field Blank-1	02/08/17
17B0204-05	Field Blank-2	02/08/17
17B0204-06	Field Blank-3	02/08/17
BB70388-BLK1	Blank	02/08/17
BB70388-SRM1	Reference	02/08/17

**Batch ID:** BB70396

**Preparation Method:** EPA 3015A

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/08/17
17B0204-02	MW-2R	02/08/17
17B0204-03	MW-3	02/08/17
17B0204-04	Field Blank-1	02/08/17
17B0204-05	Field Blank-2	02/08/17
17B0204-06	Field Blank-3	02/08/17
BB70396-BLK1	Blank	02/08/17
BB70396-SRM1	Reference	02/08/17

**Batch ID:** BB70397

**Preparation Method:** EPA 3015A

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/08/17
17B0204-02	MW-2R	02/08/17
17B0204-03	MW-3	02/08/17
17B0204-04	Field Blank-1	02/08/17
17B0204-05	Field Blank-2	02/08/17
17B0204-06	Field Blank-3	02/08/17
BB70397-BLK1	Blank	02/08/17
BB70397-SRM1	Reference	02/08/17

**Batch ID:** BB70446

**Preparation Method:** EPA 3015A

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/10/17
17B0204-02	MW-2R	02/10/17
17B0204-03	MW-3	02/10/17
17B0204-04	Field Blank-1	02/10/17
17B0204-05	Field Blank-2	02/10/17
17B0204-06	Field Blank-3	02/10/17
BB70446-BLK1	Blank	02/10/17
BB70446-SRM1	Reference	02/10/17





**Batch ID:** BB70456

**Preparation Method:** EPA SW846-3510C Low Level

**Prepared By:** KML

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/10/17
17B0204-01	MW-1	02/10/17
17B0204-02	MW-2R	02/10/17
17B0204-02	MW-2R	02/10/17
17B0204-03	MW-3	02/10/17
17B0204-03	MW-3	02/10/17
17B0204-04	Field Blank-1	02/10/17
17B0204-04	Field Blank-1	02/10/17
17B0204-05	Field Blank-2	02/10/17
17B0204-05	Field Blank-2	02/10/17
17B0204-06	Field Blank-3	02/10/17
17B0204-06	Field Blank-3	02/10/17
BB70456-BLK1	Blank	02/10/17
BB70456-BLK2	Blank	02/10/17
BB70456-BS1	LCS	02/10/17
BB70456-BS2	LCS	02/10/17

**Batch ID:** BB70459

**Preparation Method:** EPA 3510C

**Prepared By:** KML

YORK Sample ID	Client Sample ID	Preparation Date
17B0204-01	MW-1	02/10/17
17B0204-02	MW-2R	02/10/17
17B0204-03	MW-3	02/10/17
17B0204-04	Field Blank-1	02/10/17
17B0204-05	Field Blank-2	02/10/17
17B0204-06	Field Blank-3	02/10/17
BB70459-BLK1	Blank	02/10/17
BB70459-BLK2	Blank	02/10/17
BB70459-BS1	LCS	02/10/17
BB70459-BS2	LCS	02/10/17



**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
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**Batch BB70302 - EPA 5030B**

**Blank (BB70302-BLK1)**

Prepared & Analyzed: 02/07/2017

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.9	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	2.0	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	2.0	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70302 - EPA 5030B**

**Blank (BB70302-BLK1)**

Prepared & Analyzed: 02/07/2017

Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L								
Methylene chloride	ND	2.0	"								
Naphthalene	1.3	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	2.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.02</i>		<i>"</i>	<i>10.0</i>		<i>90.2</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.53</i>		<i>"</i>	<i>10.0</i>		<i>95.3</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.12</i>		<i>"</i>	<i>10.0</i>		<i>91.2</i>	<i>79-122</i>				

**LCS (BB70302-BS1)**

Prepared & Analyzed: 02/07/2017

1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	9.17		"	10.0		91.7	82-123				
1,1-Dichloroethane	11.5		"	10.0		115	82-129				
1,1-Dichloroethylene	12.2		"	10.0		122	68-138				
1,1-Dichloropropylene	10.2		"	10.0		102	83-133				
1,2,3-Trichlorobenzene	12.8		"	10.0		128	76-136				
1,2,3-Trichloropropane	9.48		"	10.0		94.8	77-128				
1,2,4,5-Tetramethylbenzene	13.6		"	10.0		136	85-140				
1,2,4-Trichlorobenzene	11.8		"	10.0		118	76-137				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	9.90		"	10.0		99.0	45-147				
1,2-Dibromoethane	8.36		"	10.0		83.6	83-124				
1,2-Dichlorobenzene	9.89		"	10.0		98.9	79-123				
1,2-Dichloroethane	9.49		"	10.0		94.9	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	9.49		"	10.0		94.9	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	11.2		"	10.0		112	56-150				
2-Butanone	7.84		"	10.0		78.4	49-152				
2-Chlorotoluene	12.2		"	10.0		122	79-130				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
<b>Batch BB70302 - EPA 5030B</b>										
<b>LCS (BB70302-BS1)</b>										
Prepared & Analyzed: 02/07/2017										
2-Hexanone	7.99		ug/L	10.0		79.9	51-146			
4-Chlorotoluene	12.8		"	10.0		128	79-128			
4-Methyl-2-pentanone	8.72		"	10.0		87.2	57-145			
Acetone	7.72		"	10.0		77.2	14-150			
Benzene	11.3		"	10.0		113	85-126			
Bromobenzene	11.6		"	10.0		116	78-129			
Bromochloromethane	11.3		"	10.0		113	77-128			
Bromodichloromethane	10.3		"	10.0		103	79-128			
Bromoform	8.19		"	10.0		81.9	78-133			
Bromomethane	10.5		"	10.0		105	43-168			
Carbon disulfide	12.1		"	10.0		121	68-146			
Carbon tetrachloride	10.7		"	10.0		107	77-141			
Chlorobenzene	10.4		"	10.0		104	88-120			
Chloroethane	9.63		"	10.0		96.3	65-136			
Chloroform	10.6		"	10.0		106	82-128			
Chloromethane	15.6		"	10.0		156	43-155	High Bias		
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129			
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131			
Dibromochloromethane	8.53		"	10.0		85.3	80-130			
Dibromomethane	9.47		"	10.0		94.7	72-134			
Dichlorodifluoromethane	10.4		"	10.0		104	44-144			
Ethyl Benzene	10.9		"	10.0		109	80-131			
Hexachlorobutadiene	11.6		"	10.0		116	67-146			
Isopropylbenzene	11.4		"	10.0		114	76-140			
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	76-135			
Methylene chloride	10.6		"	10.0		106	55-137			
Naphthalene	14.7		"	10.0		147	70-147			
n-Butylbenzene	13.2		"	10.0		132	79-132			
n-Propylbenzene	12.5		"	10.0		125	78-133			
o-Xylene	10.6		"	10.0		106	78-130			
p- & m- Xylenes	21.3		"	20.0		106	77-133			
p-Diethylbenzene	12.8		"	10.0		128	84-134			
p-Ethyltoluene	11.5		"	10.0		115	88-129			
p-Isopropyltoluene	12.7		"	10.0		127	81-136			
sec-Butylbenzene	12.0		"	10.0		120	79-137			
Styrene	10.0		"	10.0		100	67-132			
tert-Butylbenzene	12.7		"	10.0		127	77-138			
Tetrachloroethylene	6.08		"	10.0		60.8	82-131	Low Bias		
Toluene	11.0		"	10.0		110	80-127			
trans-1,2-Dichloroethylene	12.0		"	10.0		120	80-132			
trans-1,3-Dichloropropylene	9.24		"	10.0		92.4	78-131			
Trichloroethylene	11.1		"	10.0		111	82-128			
Trichlorofluoromethane	10.3		"	10.0		103	67-139			
Vinyl Chloride	11.6		"	10.0		116	58-145			
Surrogate: 1,2-Dichloroethane-d4	8.21		"	10.0		82.1	69-130			
Surrogate: Toluene-d8	10.0		"	10.0		100	81-117			
Surrogate: p-Bromofluorobenzene	9.64		"	10.0		96.4	79-122			



Volatile Organic Compounds by GC/MS - Quality Control Data

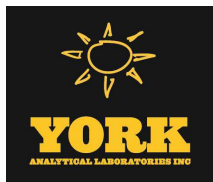
York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
<b>Batch BB70302 - EPA 5030B</b>										
<b>LCS Dup (BB70302-BSD1)</b>										
Prepared & Analyzed: 02/07/2017										
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82-126		4.94	30
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		2.90	30
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129		2.65	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.76		"	10.0		97.6	54-165		8.72	30
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123		9.16	30
1,1-Dichloroethane	11.4		"	10.0		114	82-129		0.611	30
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		7.02	30
1,1-Dichloropropylene	11.3		"	10.0		113	83-133		10.2	30
1,2,3-Trichlorobenzene	15.4		"	10.0		154	76-136	High Bias	18.1	30
1,2,3-Trichloropropane	9.81		"	10.0		98.1	77-128		3.42	30
1,2,4,5-Tetramethylbenzene	13.7		"	10.0		137	85-140		0.659	30
1,2,4-Trichlorobenzene	13.7		"	10.0		137	76-137		15.0	30
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		2.05	30
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147		7.95	30
1,2-Dibromoethane	9.15		"	10.0		91.5	83-124		9.02	30
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.20	30
1,2-Dichloroethane	9.77		"	10.0		97.7	73-132		2.91	30
1,2-Dichloropropane	11.5		"	10.0		115	78-126		4.37	30
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		4.65	30
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		3.29	30
1,3-Dichloropropane	10.2		"	10.0		102	81-125		6.92	30
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.587	30
2,2-Dichloropropane	11.0		"	10.0		110	56-150		2.25	30
2-Butanone	8.73		"	10.0		87.3	49-152		10.7	30
2-Chlorotoluene	11.6		"	10.0		116	79-130		4.61	30
2-Hexanone	8.52		"	10.0		85.2	51-146		6.42	30
4-Chlorotoluene	12.6		"	10.0		126	79-128		2.05	30
4-Methyl-2-pentanone	9.51		"	10.0		95.1	57-145		8.67	30
Acetone	6.96		"	10.0		69.6	14-150		10.4	30
Benzene	11.2		"	10.0		112	85-126		0.886	30
Bromobenzene	11.4		"	10.0		114	78-129		2.26	30
Bromochloromethane	11.0		"	10.0		110	77-128		2.42	30
Bromodichloromethane	10.6		"	10.0		106	79-128		2.20	30
Bromoform	8.28		"	10.0		82.8	78-133		1.09	30
Bromomethane	11.3		"	10.0		113	43-168		7.46	30
Carbon disulfide	11.6		"	10.0		116	68-146		4.21	30
Carbon tetrachloride	9.76		"	10.0		97.6	77-141		8.81	30
Chlorobenzene	10.5		"	10.0		105	88-120		1.15	30
Chloroethane	9.55		"	10.0		95.5	65-136		0.834	30
Chloroform	10.5		"	10.0		105	82-128		0.854	30
Chloromethane	16.4		"	10.0		164	43-155	High Bias	5.12	30
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		3.01	30
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131		2.80	30
Dibromochloromethane	9.40		"	10.0		94.0	80-130		9.70	30
Dibromomethane	10.4		"	10.0		104	72-134		8.88	30
Dichlorodifluoromethane	9.94		"	10.0		99.4	44-144		5.00	30
Ethyl Benzene	10.8		"	10.0		108	80-131		0.644	30
Hexachlorobutadiene	12.8		"	10.0		128	67-146		9.91	30
Isopropylbenzene	11.0		"	10.0		110	76-140		4.29	30
Methyl tert-butyl ether (MTBE)	9.53		"	10.0		95.3	76-135		6.39	30
Methylene chloride	10.7		"	10.0		107	55-137		0.845	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
<b>Batch BB70302 - EPA 5030B</b>											
<b>LCS Dup (BB70302-BSD1)</b>											
						Prepared & Analyzed: 02/07/2017					
Naphthalene	16.9		ug/L	10.0		169	70-147	High Bias	14.3	30	
n-Butylbenzene	12.9		"	10.0		129	79-132		2.68	30	
n-Propylbenzene	11.8		"	10.0		118	78-133		5.42	30	
o-Xylene	10.7		"	10.0		107	78-130		0.281	30	
p- & m- Xylenes	21.3		"	20.0		107	77-133		0.282	30	
p-Diethylbenzene	12.4		"	10.0		124	84-134		2.86	30	
p-Ethyltoluene	11.0		"	10.0		110	88-129		4.73	30	
p-Isopropyltoluene	12.2		"	10.0		122	81-136		4.43	30	
sec-Butylbenzene	11.5		"	10.0		115	79-137		4.35	30	
Styrene	10.2		"	10.0		102	67-132		1.39	30	
tert-Butylbenzene	12.2		"	10.0		122	77-138		4.25	30	
Tetrachloroethylene	6.08		"	10.0		60.8	82-131	Low Bias	0.00	30	
Toluene	10.8		"	10.0		108	80-127		1.74	30	
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132		3.56	30	
trans-1,3-Dichloropropylene	9.76		"	10.0		97.6	78-131		5.47	30	
Trichloroethylene	10.9		"	10.0		109	82-128		1.64	30	
Trichlorofluoromethane	9.49		"	10.0		94.9	67-139		7.99	30	
Vinyl Chloride	10.9		"	10.0		109	58-145		5.87	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.76		"	10.0		87.6	69-130				
<i>Surrogate: Toluene-d8</i>	10.1		"	10.0		101	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.33		"	10.0		93.3	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70459 - EPA 3510C

Blank (BB70459-BLK1)

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70459 - EPA 3510C

Blank (BB70459-BLK1)

Prepared & Analyzed: 02/10/2017

Hexachlorobenzene	ND	0.0200	ug/L								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	29.5		"	79.4		37.1	12-64				
Surrogate: Phenol-d5	19.6		"	81.2		24.1	10-82				
Surrogate: Nitrobenzene-d5	37.8		"	52.2		72.3	12-96				
Surrogate: 2-Fluorobiphenyl	40.0		"	53.4		74.9	16-84				
Surrogate: 2,4,6-Tribromophenol	66.6		"	75.2		88.6	15-104				
Surrogate: Terphenyl-d14	37.1		"	52.2		71.1	15-106				

Blank (BB70459-BLK2)

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								





Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70459 - EPA 3510C

Blank (BB70459-BLK2)

Prepared & Analyzed: 02/10/2017

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	0.00		"	79.4			12-64				
Surrogate: Phenol-d5	0.00		"	81.2			10-82				
Surrogate: Nitrobenzene-d5	0.00		"	52.2			12-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	53.4			16-84				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			15-104				
Surrogate: Terphenyl-d14	0.00		"	52.2			15-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70459 - EPA 3510C

LCS (BB70459-BS1)

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	29.9	5.00	ug/L	50.0		59.8	35-91				
1,2-Dichlorobenzene	35.7	5.00	"	50.0		71.3	42-85				
1,3-Dichlorobenzene	35.2	5.00	"	50.0		70.3	45-80				
1,4-Dichlorobenzene	34.4	5.00	"	50.0		68.8	42-82				
2,4,5-Trichlorophenol	34.9	5.00	"	50.0		69.9	36-112				
2,4,6-Trichlorophenol	38.8	5.00	"	50.0		77.7	41-107				
2,4-Dichlorophenol	39.9	5.00	"	50.0		79.8	43-92				
2,4-Dimethylphenol	39.4	5.00	"	50.0		78.9	25-92				
2,4-Dinitrophenol	31.7	5.00	"	50.0		63.4	10-149				
2,4-Dinitrotoluene	41.6	5.00	"	50.0		83.2	41-114				
2,6-Dinitrotoluene	42.3	5.00	"	50.0		84.7	49-106				
2-Chloronaphthalene	40.0	5.00	"	50.0		80.1	40-96				
2-Chlorophenol	36.5	5.00	"	50.0		73.1	35-84				
2-Methylnaphthalene	43.7	5.00	"	50.0		87.4	33-101				
2-Methylphenol	26.3	5.00	"	50.0		52.6	10-90				
2-Nitroaniline	49.7	5.00	"	50.0		99.4	31-122				
2-Nitrophenol	41.0	5.00	"	50.0		82.0	37-97				
3- & 4-Methylphenols	22.8	5.00	"	50.0		45.7	10-101				
3,3-Dichlorobenzidine	29.2	5.00	"	50.0		58.4	25-155				
3-Nitroaniline	42.0	5.00	"	50.0		84.1	29-128				
4,6-Dinitro-2-methylphenol	36.8	5.00	"	50.0		73.6	10-135				
4-Bromophenyl phenyl ether	47.9	5.00	"	50.0		95.8	38-116				
4-Chloro-3-methylphenol	30.8	5.00	"	50.0		61.5	28-101				
4-Chloroaniline	31.4	5.00	"	50.0		62.8	10-154				
4-Chlorophenyl phenyl ether	36.5	5.00	"	50.0		73.0	34-112				
4-Nitroaniline	39.7	5.00	"	50.0		79.4	15-143				
4-Nitrophenol	23.8	5.00	"	50.0		47.6	10-112				
Acenaphthene	42.7	0.0500	"	50.0		85.4	24-114				
Acenaphthylene	40.8	0.0500	"	50.0		81.5	26-112				
Aniline	20.3	5.00	"	50.0		40.6	10-107				
Anthracene	42.9	0.0500	"	50.0		85.8	35-114				
Benzo(a)anthracene	41.8	0.0500	"	50.0		83.5	38-127				
Benzo(a)pyrene	43.7	0.0500	"	50.0		87.4	30-146				
Benzo(b)fluoranthene	44.7	0.0500	"	50.0		89.3	36-145				
Benzo(g,h,i)perylene	42.2	0.0500	"	50.0		84.4	10-163				
Benzo(k)fluoranthene	45.6	0.0500	"	50.0		91.2	16-149				
Benzyl alcohol	26.1	5.00	"	50.0		52.1	18-75				
Benzyl butyl phthalate	44.0	5.00	"	50.0		88.0	28-129				
Bis(2-chloroethoxy)methane	41.3	5.00	"	50.0		82.6	27-112				
Bis(2-chloroethyl)ether	40.0	5.00	"	50.0		80.0	24-114				
Bis(2-chloroisopropyl)ether	51.9	5.00	"	50.0		104	21-124				
Bis(2-ethylhexyl)phthalate	43.1	0.500	"	50.0		86.1	10-171				
Chrysene	41.7	0.0500	"	50.0		83.5	33-120				
Dibenzo(a,h)anthracene	41.2	0.0500	"	50.0		82.4	10-149				
Dibenzofuran	39.6	5.00	"	50.0		79.3	42-105				
Diethyl phthalate	41.6	5.00	"	50.0		83.2	38-112				
Dimethyl phthalate	38.9	5.00	"	50.0		77.9	49-106				
Di-n-butyl phthalate	47.6	5.00	"	50.0		95.2	36-110				
Di-n-octyl phthalate	44.2	5.00	"	50.0		88.4	12-149				
Fluoranthene	42.7	0.0500	"	50.0		85.4	33-126				
Fluorene	40.7	0.0500	"	50.0		81.3	28-117				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70459 - EPA 3510C

LCS (BB70459-BS1)

Prepared & Analyzed: 02/10/2017

Hexachlorobenzene	47.4	0.0200	ug/L	50.0		94.8	27-120				
Hexachlorobutadiene	30.6	0.500	"	50.0		61.2	25-106				
Hexachlorocyclopentadiene	3.78	5.00	"	50.0		7.56	10-99	Low Bias			
Hexachloroethane	30.4	0.500	"	50.0		60.7	33-84				
Indeno(1,2,3-cd)pyrene	41.2	0.0500	"	50.0		82.3	10-150				
Isophorone	37.8	5.00	"	50.0		75.7	29-115				
Naphthalene	38.0	0.0500	"	50.0		75.9	30-99				
Nitrobenzene	34.8	0.250	"	50.0		69.7	32-113				
N-Nitrosodimethylamine	16.1	0.500	"	50.0		32.2	10-63				
N-nitroso-di-n-propylamine	40.3	5.00	"	50.0		80.6	36-118				
N-Nitrosodiphenylamine	52.6	5.00	"	50.0		105	27-145				
Pentachlorophenol	29.8	0.250	"	50.0		59.5	19-127				
Phenanthrene	44.7	0.0500	"	50.0		89.5	31-112				
Phenol	14.4	5.00	"	50.0		28.8	10-37				
Pyrene	39.2	0.0500	"	50.0		78.5	42-125				
Pyridine	6.45	5.00	"	50.0		12.9	10-46				
<i>Surrogate: 2-Fluorophenol</i>	<i>30.6</i>		<i>"</i>	<i>79.4</i>		<i>38.6</i>	<i>12-64</i>				
<i>Surrogate: Phenol-d5</i>	<i>23.9</i>		<i>"</i>	<i>81.2</i>		<i>29.4</i>	<i>10-82</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>39.8</i>		<i>"</i>	<i>52.2</i>		<i>76.3</i>	<i>12-96</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>40.3</i>		<i>"</i>	<i>53.4</i>		<i>75.5</i>	<i>16-84</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>80.1</i>		<i>"</i>	<i>75.2</i>		<i>107</i>	<i>15-104</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>35.3</i>		<i>"</i>	<i>52.2</i>		<i>67.6</i>	<i>15-106</i>				

LCS (BB70459-BS2)

Prepared & Analyzed: 02/10/2017

1,2,4-Trichlorobenzene	ND	5.00	ug/L				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
2-Nitroaniline	ND	5.00	"				31-122				
2-Nitrophenol	ND	5.00	"				37-97				
3- & 4-Methylphenols	ND	5.00	"				10-101				
3,3-Dichlorobenzidine	ND	5.00	"				25-155				
3-Nitroaniline	ND	5.00	"				29-128				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitroaniline	ND	5.00	"				15-143				
4-Nitrophenol	ND	5.00	"				10-112				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB70459 - EPA 3510C

LCS (BB70459-BS2)

Prepared & Analyzed: 02/10/2017

Acenaphthene	0.820	0.0500	ug/L	1.00		82.0	24-114				
Acenaphthylene	0.840	0.0500	"	1.00		84.0	26-112				
Aniline	ND	5.00	"				10-107				
Anthracene	0.890	0.0500	"	1.00		89.0	35-114				
Benzo(a)anthracene	0.960	0.0500	"	1.00		96.0	38-127				
Benzo(a)pyrene	1.07	0.0500	"	1.00		107	30-146				
Benzo(b)fluoranthene	1.13	0.0500	"	1.00		113	36-145				
Benzo(g,h,i)perylene	1.05	0.0500	"	1.00		105	10-163				
Benzo(k)fluoranthene	1.15	0.0500	"	1.00		115	16-149				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Chrysene	0.920	0.0500	"	1.00		92.0	33-120				
Dibenzo(a,h)anthracene	1.06	0.0500	"	1.00		106	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	0.830	0.0500	"	1.00		83.0	33-126				
Fluorene	0.880	0.0500	"	1.00		88.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.03	0.0500	"	1.00		103	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	0.770	0.0500	"	1.00		77.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.890	0.0500	"	1.00		89.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.980	0.0500	"	1.00		98.0	42-125				
Pyridine	ND	5.00	"				10-46				
Surrogate: 2-Fluorophenol	0.00		"	79.4			12-64				
Surrogate: Phenol-d5	0.00		"	81.2			10-82				
Surrogate: Nitrobenzene-d5	0.00		"	52.2			12-96				
Surrogate: 2-Fluorobiphenyl	0.00		"	53.4			16-84				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			15-104				
Surrogate: Terphenyl-d14	0.00		"	52.2			15-106				



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB70456 - EPA SW846-3510C Low Level**

**Blank (BB70456-BLK1)**

Prepared & Analyzed: 02/10/2017

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

*Surrogate: Decachlorobiphenyl*      0.110      "      0.200      54.8      30-150

*Surrogate: Tetrachloro-m-xylene*      0.0994      "      0.200      49.7      30-150

**LCS (BB70456-BS1)**

Prepared & Analyzed: 02/10/2017

4,4'-DDD	0.0935	0.00400	ug/L	0.100		93.5	40-140				
4,4'-DDE	0.0909	0.00400	"	0.100		90.9	40-140				
4,4'-DDT	0.113	0.00400	"	0.100		113	40-140				
Aldrin	0.0716	0.00400	"	0.100		71.6	40-140				
alpha-BHC	0.0771	0.00400	"	0.100		77.1	40-140				
alpha-Chlordane	0.0720	0.00400	"	0.100		72.0	40-140				
beta-BHC	0.0764	0.00400	"	0.100		76.4	40-140				
delta-BHC	0.0862	0.00400	"	0.100		86.2	40-140				
Dieldrin	0.0801	0.00200	"	0.100		80.1	40-140				
Endosulfan I	0.0775	0.00400	"	0.100		77.5	40-140				
Endosulfan II	0.0790	0.00400	"	0.100		79.0	40-140				
Endosulfan sulfate	0.0841	0.00400	"	0.100		84.1	40-140				
Endrin	0.0989	0.00400	"	0.100		98.9	40-140				
Endrin aldehyde	0.0846	0.0100	"	0.100		84.6	40-140				
Endrin ketone	0.115	0.0100	"	0.100		115	40-140				
gamma-BHC (Lindane)	0.0762	0.00400	"	0.100		76.2	40-140				
gamma-Chlordane	0.0668	0.0100	"	0.100		66.8	40-140				
Heptachlor	0.0738	0.00400	"	0.100		73.8	40-140				
Heptachlor epoxide	0.0766	0.00400	"	0.100		76.6	40-140				
Methoxychlor	0.115	0.00400	"	0.100		115	40-140				

*Surrogate: Decachlorobiphenyl*      0.0808      "      0.200      40.4      30-150

*Surrogate: Tetrachloro-m-xylene*      0.0866      "      0.200      43.3      30-150



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch Y7B1304 - BB70285**

**Performance Mix (Y7B1304-PEM1)**

Prepared & Analyzed: 02/11/2017

4,4'-DDD	7.29		ng/mL	0.00				0-200					
4,4'-DDE	0.631		"	0.00				0-200					
4,4'-DDT	141		"	200		70.6		0-200					
Endrin	81.2		"	100		81.2		0-200					
Endrin aldehyde	2.31		"	0.00				0-200					
Endrin ketone	7.46		"	0.00				0-200					

**Performance Mix (Y7B1304-PEM3)**

Prepared: 02/11/2017 Analyzed: 02/12/2017

4,4'-DDD	14.6		ng/mL	0.00				0-200					
4,4'-DDE	0.546		"	0.00				0-200					
4,4'-DDT	156		"	200		78.2		0-200					
Endrin	90.0		"	100		90.0		0-200					
Endrin aldehyde	2.00		"	0.00				0-200					
Endrin ketone	8.20		"	0.00				0-200					



**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

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

**Batch BB70456 - EPA SW846-3510C Low Level**

**Blank (BB70456-BLK2)**

Prepared: 02/10/2017 Analyzed: 02/11/2017

Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.142</i>		<i>"</i>	<i>0.200</i>		<i>71.0</i>		<i>30-120</i>			
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.157</i>		<i>"</i>	<i>0.200</i>		<i>78.5</i>		<i>30-120</i>			

**LCS (BB70456-BS2)**

Prepared: 02/10/2017 Analyzed: 02/11/2017

Aroclor 1016	0.864	0.0500	ug/L	1.00		86.4		40-120			
Aroclor 1260	0.878	0.0500	"	1.00		87.8		40-120			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.141</i>		<i>"</i>	<i>0.200</i>		<i>70.5</i>		<i>30-120</i>			
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.165</i>		<i>"</i>	<i>0.200</i>		<i>82.5</i>		<i>30-120</i>			



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70388 - EPA 3015A**

**Blank (BB70388-BLK1)**

Prepared & Analyzed: 02/08/2017

Aluminum	ND	0.0500	mg/L
Barium	ND	0.0100	"
Calcium	ND	0.0500	"
Chromium	ND	0.00500	"
Copper	ND	0.00300	"
Iron	ND	0.0200	"
Lead	ND	0.00300	"
Magnesium	ND	0.0500	"
Manganese	ND	0.00500	"
Nickel	ND	0.00500	"
Potassium	ND	0.0500	"
Selenium	ND	0.0100	"
Silver	ND	0.00500	"
Sodium	ND	0.100	"
Vanadium	ND	0.0100	"
Zinc	ND	0.0100	"

**Reference (BB70388-SRM1)**

Prepared & Analyzed: 02/08/2017

Aluminum	1.05	ug/mL	1.00	105	81.7-116.7
Barium	0.588	"	0.570	103	85-115
Calcium	124	"	126	98.3	86.5-114.3
Chromium	0.778	"	0.760	102	85-115
Copper	0.578	"	0.520	111	85-115
Iron	1.47	"	1.52	96.6	85-115
Lead	1.22	"	1.20	102	85-115
Magnesium	109	"	115	95.1	86.3-114.8
Manganese	0.514	"	0.480	107	85-115
Nickel	0.660	"	0.600	110	87.5-113.3
Potassium	67.8	"	65.3	104	84.9-115
Selenium	0.503	"	0.480	105	85-115
Silver	0.513	"	0.510	101	85-115
Sodium	154	"	161	95.8	85-115
Vanadium	0.588	"	0.560	105	85-115
Zinc	1.12	"	1.12	99.6	85-115





**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

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

**Batch BB70446 - EPA 3015A**

**Blank (BB70446-BLK1)**

Prepared & Analyzed: 02/10/2017

Aluminum - Dissolved	ND	0.0500	mg/L
Barium - Dissolved	ND	0.0100	"
Calcium - Dissolved	ND	0.0500	"
Chromium - Dissolved	ND	0.00500	"
Copper - Dissolved	ND	0.00300	"
Iron - Dissolved	ND	0.0200	"
Lead - Dissolved	ND	0.00300	"
Magnesium - Dissolved	ND	0.0500	"
Manganese - Dissolved	ND	0.00500	"
Nickel - Dissolved	ND	0.00500	"
Potassium - Dissolved	ND	0.0500	"
Silver - Dissolved	ND	0.00500	"
Sodium - Dissolved	ND	0.100	"
Vanadium - Dissolved	ND	0.0100	"
Zinc - Dissolved	ND	0.0100	"

**Reference (BB70446-SRM1)**

Prepared & Analyzed: 02/10/2017

Aluminum - Dissolved	1.02	ug/mL	1.00	102	81.7-116.7
Barium - Dissolved	0.564	"	0.570	98.9	85-115
Calcium - Dissolved	120	"	126	95.3	86.5-114.3
Chromium - Dissolved	0.739	"	0.760	97.3	85-115
Copper - Dissolved	0.555	"	0.520	107	85-115
Iron - Dissolved	1.45	"	1.52	95.4	85-115
Lead - Dissolved	1.18	"	1.20	98.4	85-115
Magnesium - Dissolved	107	"	115	93.0	86.3-114.8
Manganese - Dissolved	0.505	"	0.480	105	85-115
Nickel - Dissolved	0.616	"	0.600	103	87.5-113.3
Potassium - Dissolved	66.3	"	65.3	102	84.9-115
Silver - Dissolved	0.490	"	0.510	96.1	85-115
Sodium - Dissolved	142	"	161	88.4	85-115
Vanadium - Dissolved	0.563	"	0.560	101	85-115
Zinc - Dissolved	1.07	"	1.12	95.6	85-115



**Metals by ICP/MS - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BB70396 - EPA 3015A**

**Blank (BB70396-BLK1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

Antimony	ND	1.00	ug/L							
Arsenic	ND	1.00	"							
Cadmium	ND	0.500	"							
Molybdenum	ND	1.00	"							
Thallium	ND	1.00	"							

**Reference (BB70396-SRM1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

Antimony	30.8	1.00	ug/L	29.1	106	70.1-129.8	
Arsenic	9.69	1.00	"	6.56	148	69.9-130	High Bias
Cadmium	26.8	0.500	"	26.7	100	80.1-119.8	
Molybdenum	47.1	1.00	"	50.4	93.5	84.9-115	
Thallium	3.87	1.00	"	4.08	94.9	70-129.9	

**Batch BB70397 - EPA 3015A**

**Blank (BB70397-BLK1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

Antimony - Dissolved	ND	1.00	ug/L				
Arsenic - Dissolved	ND	1.00	"				
Beryllium - Dissolved	ND	0.100	"				
Cadmium - Dissolved	ND	0.500	"				
Molybdenum - Dissolved	ND	1.00	"				
Selenium - Dissolved	ND	1.00	"				
Thallium - Dissolved	ND	1.00	"				

**Reference (BB70397-SRM1)**

Prepared: 02/08/2017 Analyzed: 02/09/2017

Antimony - Dissolved	30.8	1.00	ug/L	29.1	106	70.1-129.8	
Arsenic - Dissolved	9.26	1.00	"	6.56	141	69.9-130	High Bias
Beryllium - Dissolved	3.90	0.100	"	4.07	95.8	85-114.9	
Cadmium - Dissolved	26.7	0.500	"	26.7	100	80.1-119.8	
Molybdenum - Dissolved	47.7	1.00	"	50.4	94.7	84.9-115	
Selenium - Dissolved	51.0	1.00	"	43.8	116	79.9-120	
Thallium - Dissolved	3.85	1.00	"	4.08	94.4	70-129.9	



**Mercury by EPA 7000/200 Series Methods - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits		Limit			
<b>Batch BB70379 - EPA 7473 water</b>											
<b>Blank (BB70379-BLK1)</b>										Prepared: 02/08/2017 Analyzed: 02/10/2017	
Mercury - Dissolved	ND	0.00020	mg/L								
Mercury	ND	0.00020	"								
<b>Reference (BB70379-SRM1)</b>										Prepared: 02/08/2017 Analyzed: 02/10/2017	
Mercury - Dissolved	0.0072171		mg/L	0.00740		97.5		70-130			
Mercury	0.00722		mg/kg	0.00740		97.5		70-130			



**Wet Chemistry Parameters - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BB70376 - Analysis Preparation</b>											
<b>Blank (BB70376-BLK1)</b>											
Cyanide, total	ND	0.0100	mg/L								Prepared & Analyzed: 02/08/2017
<b>LCS (BB70376-BS1)</b>											
Cyanide, total	0.168	0.0100	mg/L	0.200		84.0	76.2-107				



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0204-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-02	MW-2R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-04	Field Blank-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-05	Field Blank-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-06	Field Blank-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-07	Trip Blank-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-08	Trip Blank-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0204-09	Trip Blank-3	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.
N	The Tentatively Identified Compound reported indicates the presence of a possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
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.
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.

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*	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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Corrective Action: Sample IDs and date/time of collection corrected for the field blank samples.

Revision Description: This report has been revised to correct Field Blank IDs and collection dates/times.



YORK ANALYTICAL LABORATORIES  
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FAX (203) 357-0166

# Field Chain-of-Custody Record

Page 1 of 1  
3/7/17 REVISED COC  
York Project No. 17B0204

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.

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project ID</b>		<b>Turn-Around Time</b>		<b>Report Type</b>	
Company: <u>Hydro Tech Environmental</u>		Company: <u>SAME</u>		Company: <u>SAME</u>		150213: 198 E 135th Street Bronx NY.		RUSH - Same Day <input type="checkbox"/>		Summary Report <input checked="" type="checkbox"/>	
Address: <u>15 Ocean Ave</u>		Address:		Address:				RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary <input checked="" type="checkbox"/>	
City: <u>Brooklyn, NY</u>		Address:		Address:				RUSH - Two Day <input type="checkbox"/>		CT RCP Package	
Phone No: <u>718-636-0800</u>		Phone No:		Phone No:				RUSH - Three Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg	
Contact Person: <u>Andrew Infante</u>		Attention:		Attention: <u>Muhsina Wars</u>		<b>Purchase Order No.</b> <u>1067</u>		RUSH - Four Day <input type="checkbox"/>		NY ASP A Package	
E-Mail Address: <u>aninfante@hydrotechem.com</u>		E-Mail Address:		E-Mail Address: <u>muhsina@hydrotechem.com</u>		Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Standard (5-7 Days) <input checked="" type="checkbox"/>		NY ASP B Package	
										NJDEP Red. Deliv.	

**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)

Tomal Dixit  
Name (printed)

Volatiles	Semi-Vols	PCBs	Metals	Misc. Org.	Full Lists	Misc.
8260 full 624 STARS list BTEX MTBE TCLP TCLP list CT RCP list Arom. only Halog. only App. IX list 8021B list	TICs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 502.2 NJDEP list App. IX list SPLP or TCLP	8082 PCBs 8081 PCBs 8151 Herb CT RCP App. IX Site Spec. SPLP or TCLP TCLP Pest TCLP Herb Chlordane 608 Pest 698 PCB	RCRAB PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLP or TCLP Ink/ Metals LST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Medicine Hexam	Pri. Pol. TCL Organic TAL Meq/L Full TCLP Full App. IX Part 360 Positive Part 360 Negative Part 360 Residual Part 360 Metals NYCDEP Score NYSDEC Score TAGM	Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/Bt. Aquatic Tox. TOC Asbestos Silica

**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 Rept. (please fill in):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1	02/03 10:30am	GW	TCL VOCs 8260; TCL SVOCs 8270; Pesticides 8081; PCBs 8082; TAL Metals 6010; 7471 Mercury	4 Amber + 3ml Wats + 1 HNO3 + 1 plastic NaOH + 1 plastic (2.50ml)
MW-2R	02/03 12:30pm	GW		
MW-3	02/03 11:30am	GW		
Field Blank - 1	02/01 12:40pm	GW		
Field Blank - 2	02/02 9:50pm	GW		
Field Blank - 3	02/03 10:09pm	GW		
Top Blank - 1	02/03	GW		
Top Blank - 2	02/03	GW		
Top Blank - 3	02/03	GW		

Comments	Preservation	4°C	Frozen	ICI	MeOH	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	NaOH	Temperature on Receipt <u>5.8 °C</u>
	Check those Applicable				Ascorbic Acid	Other			
	Special Instructions								
	Field Filtered <input type="checkbox"/>								
	Lab to Filter <input type="checkbox"/>								
	Samples Relinquished By	<u>[Signature]</u>	Date/Time	<u>1/6/17 1400</u>	Samples Received By	<u>[Signature]</u>	Date/Time	<u>1/6/17 1400pm</u>	
	Samples Relinquished By		Date/Time		Samples Received in LAB by	<u>[Signature]</u>	Date/Time	<u>2/6/17 1846</u>	



# Appendix H

## Hydro Tech Environmental Air Monitoring Form

Project Name:

Site Location: 198 East 135th Street Bronx, NY 10451

Date: 2-1-17

HTE Personnel: Silvestre Castillo

Weather: Partly Sunny

Temp: 43°F

Humidity: 60%

Wind Direction: SW 8 mph

TIME	Air Monitoring Stations Make and Model	Air Particulate levels Sampling Results: Up gradient (mg/m <sup>3</sup> )	Air Particulate levels Sampling Results: Down gradient (mg/m <sup>3</sup> )	Visible Dust (Y/N)	Odors (Y/N)	PID Readings (PPM)	Corrective Action Taken	Additional comments
7:00 AM	TSE-8530 Dust Trak II							
7:15 AM	TSE-8530 Dust Trak II							
7:30 AM	TSE-8530 Dust Trak II							
7:45 AM	TSE-8530 Dust Trak II							
8:00 AM	TSE-8530 Dust Trak II							
8:15 AM	TSE-8530 Dust Trak II							
8:30 AM	TSE-8530 Dust Trak II							
8:45 AM	TSE-8530 Dust Trak II							
9:00 AM	TSE-8530 Dust Trak II	0.010	0.009	N	N	0.0	N/A	HTE onsite
9:15 AM	TSE-8530 Dust Trak II	0.013	0.009	N	N	0.0	N/A	Background check
9:30 AM	TSE-8530 Dust Trak II	0.015	0.010	N	N	0.0	N/A	Set up comp stations
9:45 AM	TSE-8530 Dust Trak II	0.010	0.007	N	N	0.0	N/A	Machinery warm up
10:00 AM	TSE-8530 Dust Trak II	0.018	0.007	N	N	0.0	N/A	Installing soil probes
10:15 AM	TSE-8530 Dust Trak II	0.016	0.011	N	N	0.0	N/A	S. A. B
10:30 AM	TSE-8530 Dust Trak II	0.021	0.009	N	N	0.0	N/A	S. A. B
10:45 AM	TSE-8530 Dust Trak II	0.014	0.005	N	N	0.0	N/A	Installing SP-10
11:00 AM	TSE-8530 Dust Trak II	0.010	0.003	N	N	0.0	N/A	S. A. B
11:15 AM	TSE-8530 Dust Trak II	0.017	0.009	N	N	0.0	N/A	S. A. B
11:30 AM	TSE-8530 Dust Trak II	0.020	0.016	N	N	0.0	N/A	Installing SP-9
11:45 AM	TSE-8530 Dust Trak II	0.013	0.008	N	N	0.0	N/A	S. A. B
12:00 PM	TSE-8530 Dust Trak II	0.017	0.006	N	N	0.0	N/A	S. A. B
12:15 PM	TSE-8530 Dust Trak II	0.015	0.007	N	N	0.0	N/A	S. A. B
12:30 PM	TSE-8530 Dust Trak II	0.018	0.009	N	N	0.0	N/A	HTE offsite
12:45 PM	TSE-8530 Dust Trak II							
1:00 PM	TSE-8530 Dust Trak II							
1:15 PM	TSE-8530 Dust Trak II							
1:30 PM	TSE-8530 Dust Trak II							
1:45 PM	TSE-8530 Dust Trak II							
2:00 PM	TSE-8530 Dust Trak II							
2:15 PM	TSE-8530 Dust Trak II							
2:30 PM	TSE-8530 Dust Trak II							
2:45 PM	TSE-8530 Dust Trak II							
3:00 PM	TSE-8530 Dust Trak II							
3:15 PM	TSE-8530 Dust Trak II							
3:30 PM	TSE-8530 Dust Trak II							
3:45 PM	TSE-8530 Dust Trak II							
4:00 PM	TSE-8530 Dust Trak II							

Particulate Air Monitoring will be conducted during ground intrusive activities at the Site in accordance with the Fugitive Dust and Particulate Monitoring from DER-10 Technical Guidance for Site

As per DER-10 Technical Guidance, any particular levels to exceed 0.10 mg/m<sup>3</sup> will result in the implementation of dust suppression techniques to allow work to continue.

As per DER-10 Technical Guidance, any particular levels to exceed 0.15 mg/m<sup>3</sup> will result in the work to stop immediately.

# Hydro Tech Environmental Air Monitoring Form

Project Name: # 150213  
 Site Location: #1198 EAST  
 Date: 02/2/2017  
 HTE Personnel: ROBOLIO  
 Weather: SUNNY  
 Temp: 43° Humidity: 40% Wind Direction: W 9 MPH

TIME	Air Monitoring Stations Make and Model	Air Particulate levels Sampling Results: gradient (mg/m³)	Up	PID Readings (PPM)	Air Particulate levels Sampling Results: Down gradient (mg/m³)	PID Readings (PPM)	Odors (Y/N)	Visible Dust (Y/N)	Corrective Action Taken	Additional comments
7:00 AM	TSE-8530 Dust Trak II	0.0								
7:15 AM	TSE-8530 Dust Trak II	0.0								
7:30 AM	TSE-8530 Dust Trak II	0.0								
7:45 AM	TSE-8530 Dust Trak II	0.0								
8:00 AM	TSE-8530 Dust Trak II	0.0 25			0.0 90	0.0	N	N	N/A	
8:15 AM	TSE-8530 Dust Trak II	0.0 16			0.0 33	0.0	N	N	N/A	drilling (0'-10') feet
8:30 AM	TSE-8530 Dust Trak II	0.0 12			0.0 25	0.0	N	N	N/A	"
8:45 AM	TSE-8530 Dust Trak II	0.0 14			0.0 31	0.0	N	N	N/A	"
9:00 AM	TSE-8530 Dust Trak II	0.0 17			0.0 34	0.0	N	N	N/A	"
9:15 AM	TSE-8530 Dust Trak II	0.0 23			0.0 36	0.0	N	N	N/A	"
9:30 AM	TSE-8530 Dust Trak II	0.0 30			0.0 15	0.0	N	N	N/A	"
9:45 AM	TSE-8530 Dust Trak II	0.0 24			0.0 12	0.0	N	N	N/A	"
10:00 AM	TSE-8530 Dust Trak II	0.0 21			0.0 27	0.0	N	N	N/A	"
10:15 AM	TSE-8530 Dust Trak II	0.0 26			0.0 30	0.0	N	N	N/A	"
10:30 AM	TSE-8530 Dust Trak II	0.0 22			0.0 27	0.0	N	N	N/A	drilling (0'-10') feet
10:45 AM	TSE-8530 Dust Trak II	0.0 20			0.0 12	0.0	N	N	N/A	"
11:00 AM	TSE-8530 Dust Trak II	0.0 36			0.0 29	0.0	N	N	N/A	"
11:15 AM	TSE-8530 Dust Trak II	0.0 22			0.0 16	0.0	N	N	N/A	"
11:30 AM	TSE-8530 Dust Trak II	0.0 31			0.0 34	0.0	N	N	N/A	"
11:45 AM	TSE-8530 Dust Trak II	0.0 13			0.0 15	0.0	N	N	N/A	"
12:00 PM	TSE-8530 Dust Trak II	0.0 33			0.0 28	0.0	N	N	N/A	"
12:15 PM	TSE-8530 Dust Trak II									"
12:30 PM	TSE-8530 Dust Trak II									"
12:45 PM	TSE-8530 Dust Trak II									LUNCH
1:00 PM	TSE-8530 Dust Trak II	0.0 35			0.0 13	0.0	N	N	N/A	LUNCH
1:15 PM	TSE-8530 Dust Trak II	0.0 11			0.0 24	0.0	N	N	N/A	drilling
1:30 PM	TSE-8530 Dust Trak II	0.0 37			0.0 17	0.0	N	N	N/A	"
1:45 PM	TSE-8530 Dust Trak II	0.0 10			0.0 10	0.0	N	N	N/A	"
2:00 PM	TSE-8530 Dust Trak II	0.0 13			0.0 21	0.0	N	N	N/A	"
2:15 PM	TSE-8530 Dust Trak II	0.0 19			0.0 03	0.0	N	N	N/A	"
2:30 PM	TSE-8530 Dust Trak II	0.0 12			0.0 07	0.0	N	N	N/A	"
2:45 PM	TSE-8530 Dust Trak II	0.0 06			0.0 11	0.0	N	N	N/A	"
3:00 PM	TSE-8530 Dust Trak II	0.0 04			0.0 02	0.0	N	N	N/A	"
3:15 PM	TSE-8530 Dust Trak II	0.0 08			0.0 05	0.0	N	N	N/A	"
3:30 PM	TSE-8530 Dust Trak II									"
3:45 PM	TSE-8530 Dust Trak II									"
4:00 PM	TSE-8530 Dust Trak II									"

Particulate Air Monitoring will be conducted during ground intrusive activities at the Site in accordance with the Fugitive Dust and Particulate Monitoring from DER-10 Technical Guidance for Site Investigation and Remediation (Appendix  
 As per DER-10 Technical Guidance, any particular levels to exceed 0.10 mg/m³ will result in the implementation of dust suppression techniques to allow work to continue.  
 As per DER-10 Technical Guidance, any particular levels to exceed 0.15 mg/m³ will result in the work to stop immediately.

## Hydro Tech Environmental Air Monitoring Form

Project Name: \_\_\_\_\_  
 Site Location: **198 East 125th Street Bronx, NY 10451**  
 Date: **2-3-17**  
 HTE Personnel: **Silvestre Castillo**  
 Weather: **Clear**  
 Temperature: **Low 30's**  
 Humidity: **48%** Wind Direction: **SW 5mph**

TIME	Air Monitoring Equipment Make and Model	Air Particulate levels Sampling Results: (mg/m <sup>3</sup> )	Visible Dust (Y/N)	Odors (Y/N)	PID Readings (PPM)	Corrective Action Taken	Additional comments
7:00 AM	PID 2000 / PDR 1500						S.A.B. = Sewer As Before
7:15 AM	PID 2000 / PDR 1500						
7:30 AM	PID 2000 / PDR 1500						
7:45 AM	PID 2000 / PDR 1500						
8:00 AM	PID 2000 / PDR 1500						
8:15 AM	PID 2000 / PDR 1500						
8:30 AM	PID 2000 / PDR 1500						
8:45 AM	PID 2000 / PDR 1500						
9:00 AM	PID 2000 / PDR 1500	0.028	Z	Z	0.0	N/A	HTE ONSITE
9:15 AM	PID 2000 / PDR 1500	0.021	Z	Z	0.0	N/A	Background check
9:30 AM	PID 2000 / PDR 1500	0.011	Z	Z	0.0	N/A	Set up equipment
9:45 AM	PID 2000 / PDR 1500	0.020	Z	Z	0.0	N/A	S.A.B.
10:00 AM	PID 2000 / PDR 1500	0.017	Z	Z	0.0	N/A	Purging MW-1
10:15 AM	PID 2000 / PDR 1500	0.005	Z	Z	0.0	N/A	S.A.B.
10:30 AM	PID 2000 / PDR 1500	0.014	Z	Z	0.0	N/A	Sampling MW-1
10:45 AM	PID 2000 / PDR 1500	0.026	Z	Z	0.0	N/A	S.A.B.
11:00 AM	PID 2000 / PDR 1500	0.024	Z	Z	0.0	N/A	Purging MW-3
11:15 AM	PID 2000 / PDR 1500	0.029	Z	Z	0.0	N/A	S.A.B.
11:30 AM	PID 2000 / PDR 1500	0.018	Z	Z	0.0	N/A	Sampling MW-3
11:45 AM	PID 2000 / PDR 1500	0.023	Z	Z	0.0	N/A	S.A.B.
12:00 PM	PID 2000 / PDR 1500	0.025	Z	Z	0.0	N/A	Purging MW-2
12:15 PM	PID 2000 / PDR 1500	0.023	Z	Z	0.0	N/A	S.A.B.
12:30 PM	PID 2000 / PDR 1500	0.030	Z	Z	0.0	N/A	Sampling MW-2
12:45 PM	PID 2000 / PDR 1500	0.024	Z	Z	0.0	N/A	S.A.B.
1:00 PM	PID 2000 / PDR 1500	0.019	Z	Z	0.0	N/A	HTE ONSITE
1:15 PM	PID 2000 / PDR 1500						
1:30 PM	PID 2000 / PDR 1500						
1:45 PM	PID 2000 / PDR 1500						
2:00 PM	PID 2000 / PDR 1500						
2:15 PM	PID 2000 / PDR 1500						
2:30 PM	PID 2000 / PDR 1500						
2:45 PM	PID 2000 / PDR 1500						
3:00 PM	PID 2000 / PDR 1500						
3:15 PM	PID 2000 / PDR 1500						
3:30 PM	PID 2000 / PDR 1500						
3:45 PM	PID 2000 / PDR 1500						
4:00 PM	PID 2000 / PDR 1500						
4:15 PM	PID 2000 / PDR 1500						
4:30 PM	PID 2000 / PDR 1500						
4:45 PM	PID 2000 / PDR 1500						
5:00 PM	PID 2000 / PDR 1500						

Particulate Air Monitoring will be conducted during ground intrusive activities at the Site in accordance with the Fugitive Dust and Particulate Monitoring from DER-10 Technical  
 As per DER-10 Technical Guidance, any particular levels to exceed 0.10 mg/m<sup>3</sup> will result in the implementation of dust suppression techniques to allow work to continue.  
 As per DER-10 Technical Guidance, any particular levels to exceed 0.15 mg/m<sup>3</sup> will result in the work to stop immediately.