

**COMMERCIAL PROPERTY
731 4TH AVENUE
BROOKLYN, NEW YORK 11232
NYC TAX MAP: BLOCK 652, LOT 7**

**PHASE II
ENVIRONMENTAL SITE ASSESSMENT
(ASTM 1903-11)**

PREPARED FOR:

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PWGC Project Number: TOT2101

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**PHASE II ENVIRONMENTAL SITE ASSESSMENT
731 4TH AVENUE, BROOKLYN, NEW YORK**

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**PHASE II ENVIRONMENTAL SITE ASSESSMENT
731 4TH AVENUE, BROOKLYN, NEW YORK**

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ACRONYM	DEFINITION
ASP	Analytical Services Protocol
ASTM	American Society for Testing and Materials
CFR	Code of Federal Regulations
DER	Department of Environmental Remediation
ELAP	Environmental Laboratory Approval Program
EM	Electromagnetic
ESA	Environmental Site Assessment
GQS	Groundwater Quality Standard
GV	Guidance Value
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyl
PID	Photo-ionization Detector
PWGC	P.W. Grosser Consulting, Inc.
QA/QC	Quality Assurance / Quality Control
REC	Recognized Environmental Condition
SCO	Soil Cleanup Objective
SVOC	Semi-volatile Organic Compound
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound



1.0 INTRODUCTION

Totem Group, LLC (Client) retained P.W. Grosser Consulting, Inc. (PWGC) to prepare a Phase II Environmental Site Assessment (ESA) for the property located at 731 4th Avenue in Brooklyn, New York. The purpose of the Phase II ESA was to further evaluate recognized environmental conditions (RECs) identified in the Phase I ESA to obtain sound, scientifically valid data concerning actual property conditions, and to characterize subsurface conditions as part of the site's potential submission into the New York State Department of Environmental Conservation's (NYSDEC) Brownfield Cleanup Program (BCP) along with the adjacent property to the south located at 737 4th Avenue, in order to assist in facilitating potential future redevelopment. Environmental assessments and subsurface investigations for the neighboring property to the south have been prepared under a separate cover.

Work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1903-11 (Standard Practices for Environmental Site Assessment: Phase II Environmental Site Assessment Process) and in substantial conformance with the New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation's (DER's) Technical Guidance for Site Investigation and Remediation, May 2010 (DER-10).



2.0 BACKGROUND

2.1 Site Description and Features

The subject property consists of one parcel located at 731 4th Avenue in the Greenwood Heights neighborhood of Brooklyn, New York. The property is identified in the New York City Tax Map as Block 652, Lot 7.

A Site Location Map is included as **Figure 1** and a Site Plan is included as **Figure 2**.

2.2 Physical Setting

The topography of the site and surrounding area was reviewed from the USGS 7.5-minute series topographic map for the Brooklyn quadrangle. The property elevation is approximately 36 feet above the National Geodetic Vertical Datum (NGVD). Regional physiographic conditions are summarized below.

2.3 Site History and Land Use

Historical usage of the subject property indicates that it was first developed prior to 1888. From 1888 to 1900, two small dwellings were present on the property. By 1906 and continuing through 1940, one of the dwellings was converted to a shop and a third building was constructed and labeled junk; the remainder of the property was identified as “full of junk.” By 1949 and continuing through 1974, the building labeled junk was no longer present. A new building was constructed and identified as metal products manufacturing and later as storage. In 1976, the metal products manufacturing is now identified as an auto repair shop in the southeastern section of the property and used car sales on the western portion. In 1987, a 2-story commercial building was constructed adjacent to the auto repair shop, along the southeastern property boundary. Around 2012, the used car lot was replaced with a three-unit retail shop that has included such uses as restaurants and a cell phone shop. At present, the auto repair shop has expanded into the 2-story commercial building.

2.4 Adjacent Property Land Use

Historical information reviewed for the properties surrounding the subject property indicate that the area has been sparsely developed since at least 1888 and nearly fully developed since at least 1924. Surrounding properties have been used primarily as retail or industrial uses, including gasoline stations and electrical substations. A subway tunnel is adjacent to the property beneath 4th Avenue.



2.5 Summary of Previous Assessments

Several prior environmental assessments have been conducted for this property.

2.5.1 Phase I Environmental Site Assessment Report (April 2013)

A Phase I ESA was prepared for the subject property in April 2013 by Middleton Environmental Inc. (Middleton). The Phase I ESA did not identify RECs; however, the following information was obtained from the report:

- The existing buildings do not contain basements.
- The retail shops were constructed around 2012 and the rear building was constructed around 1960. The retail shops were not yet completed by the time the Phase I was prepared, an auto body shop was located in the rear building.
- The heating fuel source was natural gas, not oil. USTs and ASTs were not observed.
- A floor drain was observed inside one of the buildings and it was reportedly connected to the municipal sewer system. There was no sign of staining around the drain.

2.5.2 Phase I Environmental Site Assessment Report (January 2019)

A Phase I ESA was prepared for the subject property in January 2019 by PWGC. Access to the building was limited during the site inspection; however, the following RECs were identified:

- The site was historically utilized as a metals manufacturer, a junk yard, and an auto repair shop; use as an auto body repair shop has continued to the present day. The majority of these activities appeared to have been conducted in the rear portion of the property along 24th Street. Petroleum compounds and chemical solvents are typically associated with these activities. Based upon the long history of industrial uses and the likely presence of these chemicals, the usage of the site represents a REC.
- Several off-site properties have been identified with petroleum spills that have the potential to affect environmental conditions beneath the subject property related to the migration of groundwater and soil vapor beneath the subject property. Due to the open status of these spills, their presence is considered a REC.

The Phase I ESA recommended that a Phase II ESA be performed.



2.5.3 Limited Phase II Environmental Site Assessment Report (March 2019)

A limited Phase II ESA was prepared for the subject property in March 2019 by PWGC. Due to the potential use of chlorinated solvents and petroleum products, a soil vapor study was conducted; however, access to the buildings were not granted. The soil vapor study was conducted beneath the sidewalk adjacent to the property along 24th Street and beneath the asphalt parking lot of the adjacent Dunkin Donuts.

Two compounds exceeded the United States Environmental Protection Agency (USEPA) Vapor Intrusion Screening Levels (VISLs): 1,3-butadiene and chloroform. Their exceedances did not appear to be related to on-site contamination. Although not exceeding VISLs, tetrachloroethene (PCE) was detected in one of the soil vapor samples closest to the auto repair shop at a concentration of 11.7 µg/m³. There were also low-level detections of benzene, toluene, ethylbenzene, and xylene in the five samples.

2.5.4 Phase I Environmental Site Assessment Report (July 2019)

A Phase I ESA was prepared for the subject property in July 2019 by PWGC to evaluate potential RECs prior to a refinancing of the property. Access to the building was expanded; however, limitations still existed, such as the presence of several cars within the auto body shop. This Phase I identified the same RECs and recommended preparation of a Soil Materials and Management Plan for the proper handling of soils, if they were to be disturbed.



3.0 WORK PERFORMED AND RATIONALE

3.1 Scope of Assessment

The Phase II ESA included the following tasks:

- Geophysical Survey.
- Soil Quality Evaluation.

3.2 Geophysical Survey

On Thursday, May 13, 2021, PWGC and Associated Environmental Services, Ltd. (Associated) of Hauppauge, New York mobilized to the subject property to perform a geophysical survey. The purpose of the geophysical survey was to determine the absence or presence of subsurface anomalies within the property and to clear boring locations.

3.2.1 Electromagnetic Survey

Associated utilized a Fisher M-Scope TW-6 electromagnetic (EM) instrument. The M-Scope uses the principle of EM induction to measure the variability of electrical conductivity of subsurface materials and the presence of buried metal objects. Significant contrasts in the electrical properties between non-indigenous materials and surrounding soil enable accurate delineation of buried waste materials, fill, and geologic features. The large EM response to metal makes this technique particularly well suited to identifying buried metal objects such as underground storage tanks (USTs), metallic wastes, buried drums, pipelines, reinforced building foundations, and other metal components of buried structures. It is, however, equally sensitive to metal objects on the ground surface.

3.2.2 Ground Penetrating Radar Survey

Following the electromagnetic survey, Associated Environmental utilized a Sensors & Software LMX1000 cart-mounted Ground Penetrating Radar (GPR) unit to further investigate metallic anomalies. The GPR method is based upon the transmission of repetitive, radio-frequency electromagnetic (EM) pulses into the subsurface. When the transmitted energy of down-going wave contacts an interface of dissimilar electrical character, part of the energy is returned to the surface in the form of a reflected signal. This reflected signal is detected by a receiving transducer and is displayed on the screen of the GPR unit as well as being recorded on the internal hard drive.



3.2.3 Survey Findings

The findings of the geophysical survey included the following:

- Subsurface anomalies indicative of USTs were not identified at the property
- Several electrical utilities were noted throughout the property.
- Boring locations were appropriately cleared to avoid damage to utility lines during drilling activities.

3.3 Soil Quality Evaluation

To characterize soil quality, soil borings were installed throughout the subject property. This work was conducted on May 13, 2021. Boring locations were focused in areas of potential concern as identified by the Phase I ESA. A total of five soil borings, SB001 through SB005, were installed during the investigation to a depth of fifteen feet and two samples were collected from each boring location. Boring locations were placed across the site to gather an overall assessment of soil quality at the subject property and to coincide with known site activities that can cause impact. Soil boring locations are illustrated on **Figure 3**.

3.3.1 Soil Boring Protocol

Associated provided environmental drilling services during the investigation. A Geoprobe 6610 drill rig was utilized to install the five environmental soil borings. Soils were collected continuously from ground surface to an approximate depth of 15 feet below surface grade. The acetate liners were cut open and the soil core was screened for the presence of volatile organic vapors, which are commonly associated with petroleum products and industrial solvents, utilizing a photo-ionization detector (PID). Each soil core was classified by a hydrogeologist using the Unified Soil Classification System (USCS). A soil boring log was developed for each location (**Appendix A**) and includes the characterization and screening data.

Soils generally consisted of historic fill material from grade to a depth ranging from 5 to 7 feet below grade underlain by native silty sands with some clay. Groundwater was not encountered during boring activities and is believed to be at approximately 22 feet below grade. The highest PID reading recorded was 3.5 parts per million (ppm) in the 0 to 2 foot interval in boring SB002 located in the auto repair shop. Evidence of visual or olfactory signs of contamination such as staining and unusual odors were not identified at each of the five boring locations.



3.3.2 Sample Collection Protocol

Since gross impact was not observed in the vadose zone in the five soil borings, samples were collected from the 0 to 2 foot interval below grade at each boring location to characterize the historic fill material that was identified and to assess if prior site usage has impacted the subsurface. Soil Samples were collected at SB003 (4-6') and SB004 (5-7') to characterize the deepest extent of historic fill observed at the site, and soil samples were collected at SB001 (7-9'), SB002 (10-12'), and SB005 (10-12') to characterize the native soils underlying the historic fill material. Samples were analyzed for the following chemical analysis:

- Volatile Organic Compounds (VOCs) by USEPA Method 8260
- Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270
- Target Analyte List (TAL) Metals by USEPA Method 6010/7174.

Samples collected for volatile organic analysis were collected directly from the acetate liners utilizing encore sampling devices. The remaining sample volumes were transferred to a stainless-steel bowl and homogenized. Once homogenized, samples were transferred to laboratory supplied glassware and packed in a cooler with ice and shipped under proper chain-of-custody procedures to York Analytical Laboratories of Stratford, CT (York), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, for the above analysis following NYSDEC Analytical Services Protocol (ASP)-Category A Deliverables.

3.3.3 Soil Analytical Results

Soil analytical results were compared to the NYSDEC's Title 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential SCOs.

VOCs were not detected at concentrations greater than the laboratory's minimum detection limit (MDL) at each of the ten soil sampling locations. One VOC compound, tetrachloroethene (PCE), at SB001 (0-2') was detected at a concentration greater than the MDL, however this concentration of PCE was less than its corresponding Unrestricted Use SCO.



SVOC exceedances were identified in each of the 0 to 2 foot samples and in one of the deeper samples, SB003 (4-6'), which was collected from within the historic fill layer. The SVOC exceedances generally consisted of polycyclic aromatic hydrocarbons (PAHs). Each of the six samples with exceedances exceeded the Unrestricted Use SCOs for one or more compounds. The samples collected from SB001 (0-2') and SB003 (4-6') contained the highest concentrations of total SVOCs, 386 mg/kg and 309 mg/kg, respectively.

Metals were detected at concentrations that exceeded Unrestricted Use SCOs in each of the ten samples and exceeded Restricted Residential SCOs in five of the ten samples. The compounds that exceeded Restricted Residential SCOs included arsenic (max 17.3 mg/kg), barium (max 517 mg/kg), lead (max 2,740 mg/kg), and mercury (3.57 mg/kg) and were generally observed in the shallow 0 to 2 foot samples with the exception of the 4 to 6 foot sample from SB003, which was collected from within the historic fill layer. Each of the three soil samples collected from the native material underlaying the historic fill layer contained concentrations of chromium greater than Unrestricted Use SCOs, as well as one location, SB001 (7-9') which contained nickel and one location, SB004 (5-7'), which contained lead greater than Unrestricted Use SCOs. However, concentrations of chromium, lead, and nickel at these locations were less than Restricted Residential SCOs.

SVOC and metals impact in the subsurface appears to be generally associated with the presence of historic fill material.

Analytical results are detailed in **Tables 1** through **3** and the complete laboratory analytical report is included in **Appendix B**.



4.0 CONCLUSIONS

This Phase II ESA was conducted at the subject property to evaluate if impact to the subsurface, related to site activities and/or historic fill, is present and to support the site's entry into the a NYCDEC BCP program. The Phase II ESA included a geophysical survey and an evaluation of soil quality.

Subsurface anomalies indicative of potential USTs, drywells, or other objects which would warrant further investigation were not identified during the geophysical survey.

Ten soil samples were collected from five soil borings installed across the site as part of this assessment. Analytical results for each of the ten samples did not identify concentrations of VOCs greater than Unrestricted Use SCOs. SVOCs, namely PAH compounds, and metals were detected at each of the soil samples collected from the 0 to 2 foot interval as well as the 4 to 6 foot interval at SB003, at concentrations greater than Restricted Residential Use SCOs. In general, elevated concentrations of SVOCs and metals were identified at locations and depths where historic fill material was observed. Additionally, chromium, lead, and nickel were detected at concentrations greater than Unrestricted Use SCOs at soil samples collected from the native material underlying the fill later, however these concentrations were below Restricted Residential Use SCOs.

Based on field observations and analytical results, the subsurface at this property does not appear to be impacted with VOCs. Historic fill material, which was observed from grade to a depth of 5 to 7 feet, was identified to be impacted with elevated concentrations of SVOCs and metals.

Based on the level of SVOC and metals impact observed in the subsurface, PWGC recommends that these soils be handled in accordance with local, state, and federal regulations and guidance if they are to be disturbed and/or removed from the site for off site disposal. This should involve appropriate waste characterization sampling to determine if some of the metal impacts (particularly lead) are deemed hazardous.



5.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

A handwritten signature in black ink, appearing to read "J. Lewis".

Jennifer Lewis, PG
Senior Project Manager

A handwritten signature in black ink, appearing to read "James P. Rhodes".

James P. Rhodes, PG
Chief Operating Officer

Report Completion Date: June 30, 2021



6.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6.

6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

CP-51 / Soil Cleanup Guidance.

DER-10 / Technical Guidance for Site Investigation and Remediation.

Standard practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, ASTM Standard E 1903-11.



7.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on the data described in this report. These opinions have been arrived at in accordance with currently accepted engineering and hydrogeologic standards and practices applicable to this location, and are subject to the following inherent limitations:

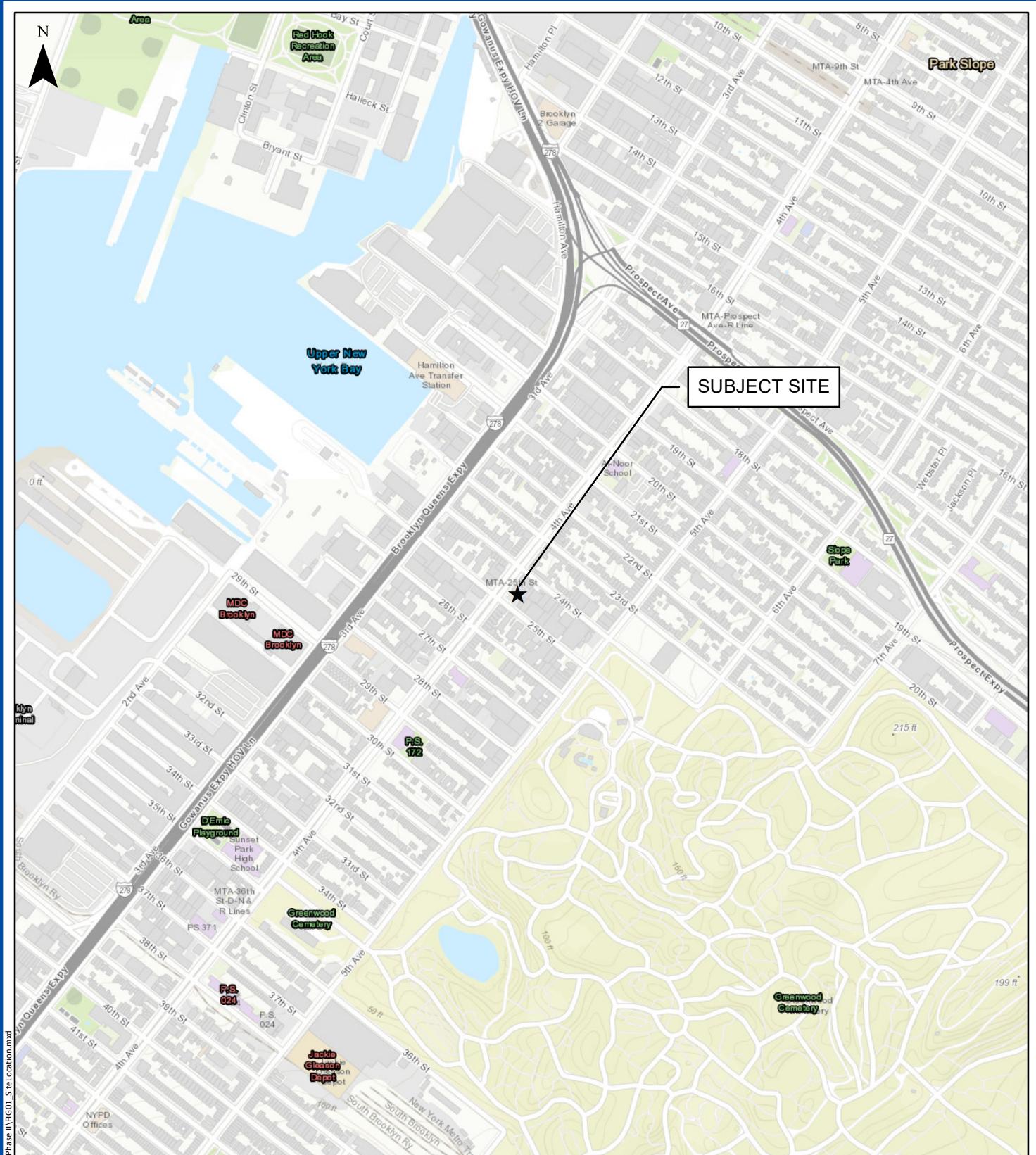
1. The data presented in this report are from visual inspections and examination of records prepared by others. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the site, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report.
2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work. The scope of work was defined by the request of the client.
3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in existence at the time of the investigation, and other information obtained and reviewed by PWGC.
4. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such.
5. This report is based, in part, on information supplied to PWGC by third-party sources. While efforts have been made to substantiate this third-party information, PWGC cannot attest to the completeness or accuracy of information provided by others.

FIGURES

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LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SEATTLE • SHELTON



SITE LOCATION

731 4th Avenue
Brooklyn, NY

0 $\frac{1}{4}$ $\frac{1}{2}$ Miles

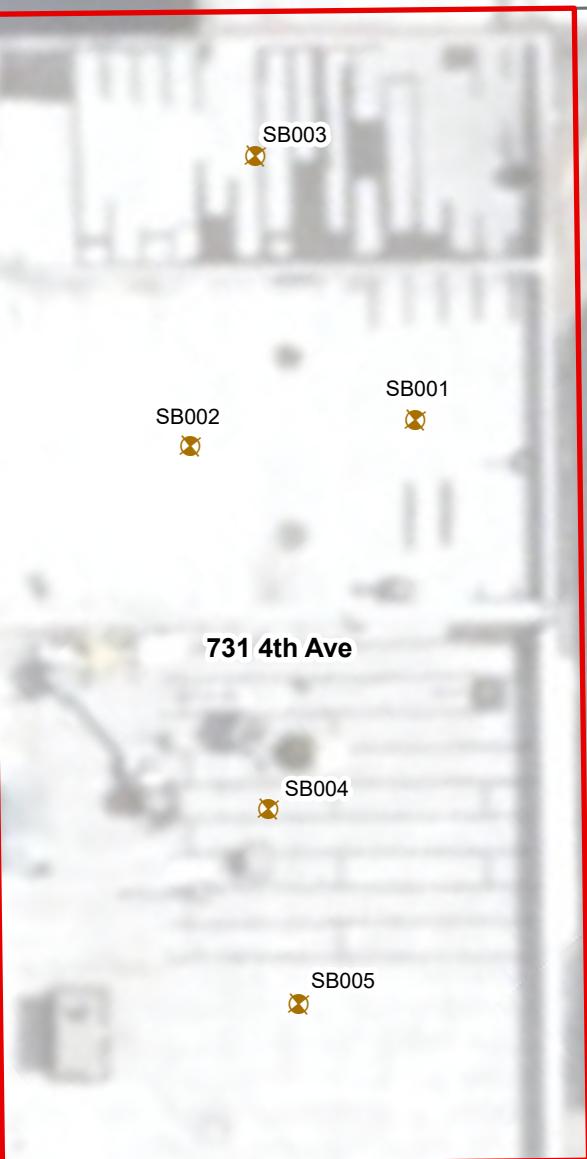
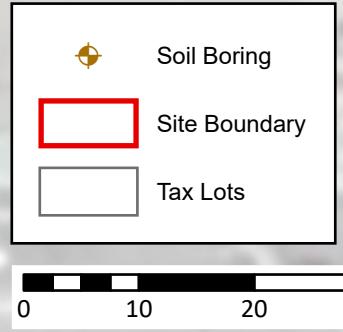


Project:	TOT2101
Date:	6/30/2021
Designed by:	JL
Drawn by:	UC
Approved by:	JL
Figure No:	1



24th St

4th Ave



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REVISION	DATE	INITIAL	COMMENTS
DRAWING INFORMATION:			
Project:	TOT2101	Designed by:	JL
Date:	6/30/2021	Drawn by:	PH
Scale:	AS SHOWN	Approved by:	JL

SITE PLAN

731 4th Ave
Brooklyn, NY

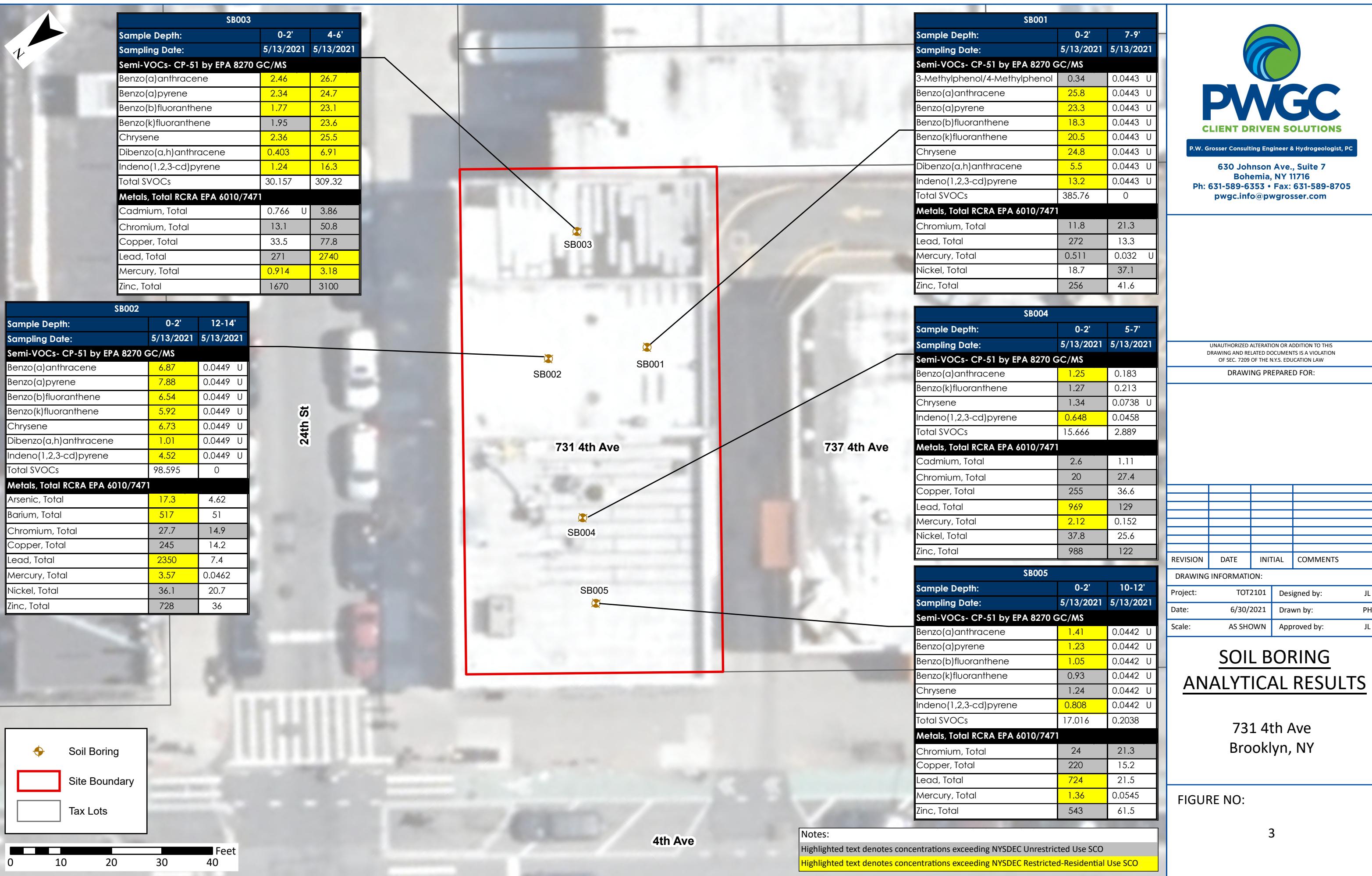
FIGURE NO:

2



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Table 1
Soil Analytical Data for Volatile Organics
731 4th Ave, Brooklyn, NY

Client Sample ID:	NYSDEC Soil Cleanup Objectives Unrestricted Use ⁽¹⁾	NYSDEC Soil Cleanup Objectives Restricted Residential Use ⁽²⁾	SB001		SB002		SB003		SB004		SB005	
			0-2'	7-9'	0-2'	12-14'	0-2'	4-6'	0-2'	5-7'	0-2'	10-12'
			21E0656-01	21E0656-02	21E0656-03	21E0656-04	21E0656-05	21E0656-06	21E0656-07	21E0656-08	21E0656-09	21E0656-10
Sampling Date:			5/13/2021	5/13/2021	5/13/2021	5/13/2021	5/13/2021	5/13/2021	5/13/2021	5/13/2021	5/13/2021	5/13/2021
Volatile Organics by 8260/5035 in mg/kg												
1,1,1,2-Tetrachloroethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0021	U	0.0044	U
1,1,1-Trichloroethane	0.68	100	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,1,2,2-Tetrachloroethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr)	100	100	0.0030	U	0.0027		0.0026	U	0.0022	U	0.0044	U
1,1,2-Trichloroethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,1-Dichloroethane	0.27	26	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,1-Dichloroethene	0.33	100	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,1-Dichloropropene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2,3-Trichlorobenzene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2,3-Trichloropropane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2,4-Trichlorobenzene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2,4-Trimethylbenzene	3.6	52	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2-Dibromo-3-chloropropane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2-Dibromoethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2-Dichlorobenzene	1.1	100	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2-Dichloroethane	0.02	3.1	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,2-Dichloropropane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,3,5-Trimethylbenzene	8.4	52	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,3-Dichlorobenzene	2.4	49	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,3-Dichloropropane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,4-Dichlorobenzene	1.8	13	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
1,4-Dioxane	0.1	13	0.059	U	0.053	U	0.053	U	0.045	U	0.042	U
2,2-Dichloropropane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
2-Butanone	0.12	100.0	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
2-Chlorotoluene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
2-Hexanone	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
4-Chlorotoluene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
4-Methyl-2-pentanone	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Acetone	0.05	100	0.0059	U	0.0064	J	0.0053	U	0.0045	U	0.0042	U
Acrolein	NS	NS	0.0059	U	0.0053	U	0.0053	U	0.0045	U	0.0042	U
Acrylonitrile	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	U
Benzene	0.06	4.8	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Bromobenzene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Bromochloromethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Bromodichloromethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Bromoform	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Bromomethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Carbon disulfide	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Carbon tetrachloride	0.76	2.4	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Chlorobenzene	1.1	100	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Chloroethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Chloroform	0.37	49.0	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Chloromethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
cis-1,2-Dichloroethene	0.25	100	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
cis-1,3-Dichloropropene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Cyclohexane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Dibromochloromethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Dibromomethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Dichlorodifluoromethane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Ethylbenzene	1	41	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Hexachlorobutadiene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Isopropylbenzene	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Methyl acetate	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Methyl tert butyl ether	0.93	100	0.0030	U	0.0027	U	0.0026	U	0.0022	U	0.0044	J
Methylcyclohexane	NS	NS	0.0030	U	0.0027	U	0.0026	U	0.			

Table 2
Soil Analytical Data for Semivolatile Organics
731 4th Ave, Brooklyn, NY

Client Sample ID:	NYSDEC Soil Cleanup Objectives Unrestricted Use ⁽¹⁾	NYSDEC Soil Cleanup Objectives Restricted Residential Use ⁽²⁾	SB001		SB002		SB003		SB004		SB005			
			0-2'	7-9'	0-2'	12-14'	0-2'	4-6'	0-2'	5-7'	0-2'	10-12'		
			L1956071-04	L1956071-05	L1956071-15	L1956071-16	L1956071-07	L1956071-08	L1956071-09	L1956071-10	L1956071-11	L1956071-12		
Semi-Volatile Organic Compounds by USEPA Method 8270 in mg/kg														
1,1-Biphenyl	NS	NS	0.646	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0664	J	
1,2,4,5-Tetrachlorobenzene	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
1,2,4-Trichlorobenzene	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
1,2-Dichlorobenzene	1.1	100	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
1,3-Dichlorobenzene	2.4	49	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
1,4-Dichlorobenzene	1.8	13	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2,3,4,6-Tetrachlorophenol	NS	NS	0.0920	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
2,4,5-Trichlorophenol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2,4,6-Trichlorophenol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2,4-Dichlorophenol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2,4-Dimethylphenol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2,4-Dinitrophenol	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
2,4-Dinitrotoluene	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2,6-Dinitrotoluene	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2-Chloronaphthalene	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2-Chlorophenol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2-Methylnaphthalene	NS	NS	4.07	U	0.0443	U	1.05	U	0.0449	U	0.0754	J	0.168	U
2-Methylphenol	0.33	100	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
2-Nitroaniline	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
2-Nitrophenol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
3-Methylphenol/4-Methylphenol	0.33	100	0.34	U	0.0443	U	0.048	J	0.0449	U	0.0454	U	0.236	U
3,3'-Dichlorobenzidine	NS	NS	0.0461	U	0.0443	U	0.0621	U	0.0449	U	0.0454	U	0.0541	U
3-Nitroaniline	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
4,6-Dinitro-o-cresol	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
4-Bromophenyl phenyl ether	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
4-Chloro-3-methylphenol	NS	NS	0.0461	U	0.0443	U	0.0480	U	0.0449	U	0.0454	U	0.0541	U
4-Chloroaniline	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
4-Chlorophenyl phenyl ether	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
4-Nitroaniline	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
4-Nitrophenol	NS	NS	0.092	U	0.0884	U	0.0959	U	0.0896	U	0.0907	U	0.108	U
Acenaphthene	20	100	4.86	U	0.0443	U	0.872	U	0.0449	U	0.171	U	0.685	J
Acenaphthylene	100	100	1.14	U	0.0443	U	0.878	U	0.0449	U	0.249	U	0.941	J
Acetophenone	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
Aniline	48	100	0.184	U	0.177	U	0.192	U	0.179	U	0.182	U	0.216	U
Anthracene	100	100	15.9	U	0.0443	U	2.69	U	0.0449	U	0.912	U	8.41	U
Atrazine	NS	NS	0.0461	U	0.0443	U	0.0480	U	0.0449	U	0.0541	U	0.0474	U
Benzaldehyde	NS	NS	0.0461	U	0.0443	U	0.0480	U	0.0449	U	0.0541	U	0.0474	U
Benzidine	NS	NS	0.184	U	0.177	U	0.192	U	0.179	U	0.182	U	0.216	U
Benzol(a)anthracene	1	1	25.8	U	0.0443	U	6.87	U	0.0449	U	2.46	U	26.7	J
Benzol(a)pyrene	1	1	23.3	U	0.0443	U	7.88	U	0.0449	U	2.34	U	24.7	J
Benzol(ghi)perylene	1	1	18.3	U	0.0443	U	6.54	U	0.0449	U	1.77	U	23.1	J
Benzol(k)fluoranthene	100	100	13.7	U	0.0443	U	6.04	U	0.0449	U	1.41	U	17.2	U
Benzol(k)fluoranthene	0.8	3.9	20.5	U	0.0443	U	5.92	U	0.0449	U	1.95	U	23.6	J
Benzolic Acid	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
Benzyl Alcohol	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
Butyl benzyl phthalate	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	1.46	U	0.063	J
Bis(2-chloroethoxy)methane	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
Bis(2-chloroethyl)ether	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541	U
Bis(2-chloroisopropyl)ether	NS	NS	0.0461	U	0.0443	U	0.048	U	0.0449	U	0.0454	U	0.0541</td	

Table 3
Soil Analytical Data for Total Metals
731 4th Ave, Brooklyn, NY

Client Sample ID:	NYSDEC Soil Cleanup Objectives	NYSDEC Soil Cleanup Objectives Restricted Residential Use ⁽¹⁾	SB001		SB002		SB003		SB004		SB005		
			0-2'	7-9'	0-2'	12-14'	0-2'	4-6'	0-2'	5-7'	0-2'	10-12'	
Sample Elevation:		21E0656-01 5/13/2021	21E0656-02 5/13/2021	21E0656-03 5/13/2021	21E0656-04 5/13/2021	21E0656-05 5/13/2021	21E0656-06 5/13/2021	21E0656-07 5/13/2021	21E0656-08 5/13/2021	21E0656-09 5/13/2021	21E0656-10 5/13/2021		
Laboratory ID:													
Sampling Date:													
Total Metals by USEPA Method 6010 in mg/kg													
Aluminum, Total	NS	NS	6,610	10,300	6,610	6,640	5,280	5,020	9,350	14,500	8,460	7,290	
Antimony, Total	NS	NS	2.78	U	2.67	U	7.3	2.7	U	2.74	U	3.26	
Arsenic, Total	13	16	5.34	3.41	17.3	4.62	1.64	U	6.65	4.97	5.82	5.41	
Barium, Total	350	400	107	52.6	517	51	107	325	267	137	305	52.1	
Beryllium, Total	7.2	72	0.056	U	0.053	U	0.058	U	0.054	U	0.055	U	
Cadmium, Total	2.5	4.3	0.583	0.32	U	1.65	0.324	U	0.766	U	3.86	2.6	
Calcium, Total	NS	NS	4,390	933	1,040	2,120	4,630	66,400	7,200	4,360	5,890	7,900	
Chromium, Total	1	110	11.8	21.3	27.7	14.9	13.1	50.8	20	27.4	24	21.3	
Cobalt, Total	NS	NS	5.9	10.5	11.4	7.06	5.14	13.1	10.1	11.6	6.38	6.84	
Copper, Total	50	270	41.2	12.3	245	14.2	33.5	77.8	255	36.6	220	15.2	
Iron, Total	NS	NS	18,300	15,300	77,400	13,300	18,300	16,700	67,400	22,400	19,900	12,700	
Lead, Total	63	400	272	13.3	2,350	7.4	271	2,740	969	129	724	21.5	
Magnesium, Total	NS	NS	1,420	3,290	1,390	2,810	1,660	4,230	3,200	3,570	2,240	2,960	
Manganese, Total	1,600	2,000	156	413	528	367	247	245	350	578	258	299	
Mercury, Total	0.18	0.81	0.511	0.032	U	3.57	0.0462	0.914	3.18	2.12	0.152	1.36	
Nickel, Total	30	310	18.7	37.1	36.1	20.7	26.8	28.8	37.8	25.6	29.4	21.9	
Potassium, Total	NS	NS	840	1,770	680	1,620	662	783	1,040	1,700	838	1,950	
Selenium, Total	3.9	180	2.78	U	2.67	U	2.89	J	2.74	U	3.26	U	
Silver, Total	2	180	0.555	U	0.533	U	0.851	0.541	U	0.547	U	0.651	
Sodium, Total	NS	NS	142	91.9	62.4	105	85.3	243	133	128	98.5	149	
Thallium, Total	NS	NS	2.78	U	2.67	U	2.89	U	2.74	U	3.26	U	
Vanadium, Total	NS	NS	18.9	33	24.4	23.7	18.5	24.6	26.5	39	23.6	21.9	
Zinc, Total	109	10,000	256	41.6	728	36	1,670	3,100	988	122	543	61.5	

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Residential Use of Soil Cleanup Objective Table 375-6.8b 12/06 and CP-51 Table 1 10/10.

NS - No Standard

D - result is from an analysis that required a dilution

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

APPENDIX A

SOIL BORING LOGS

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.

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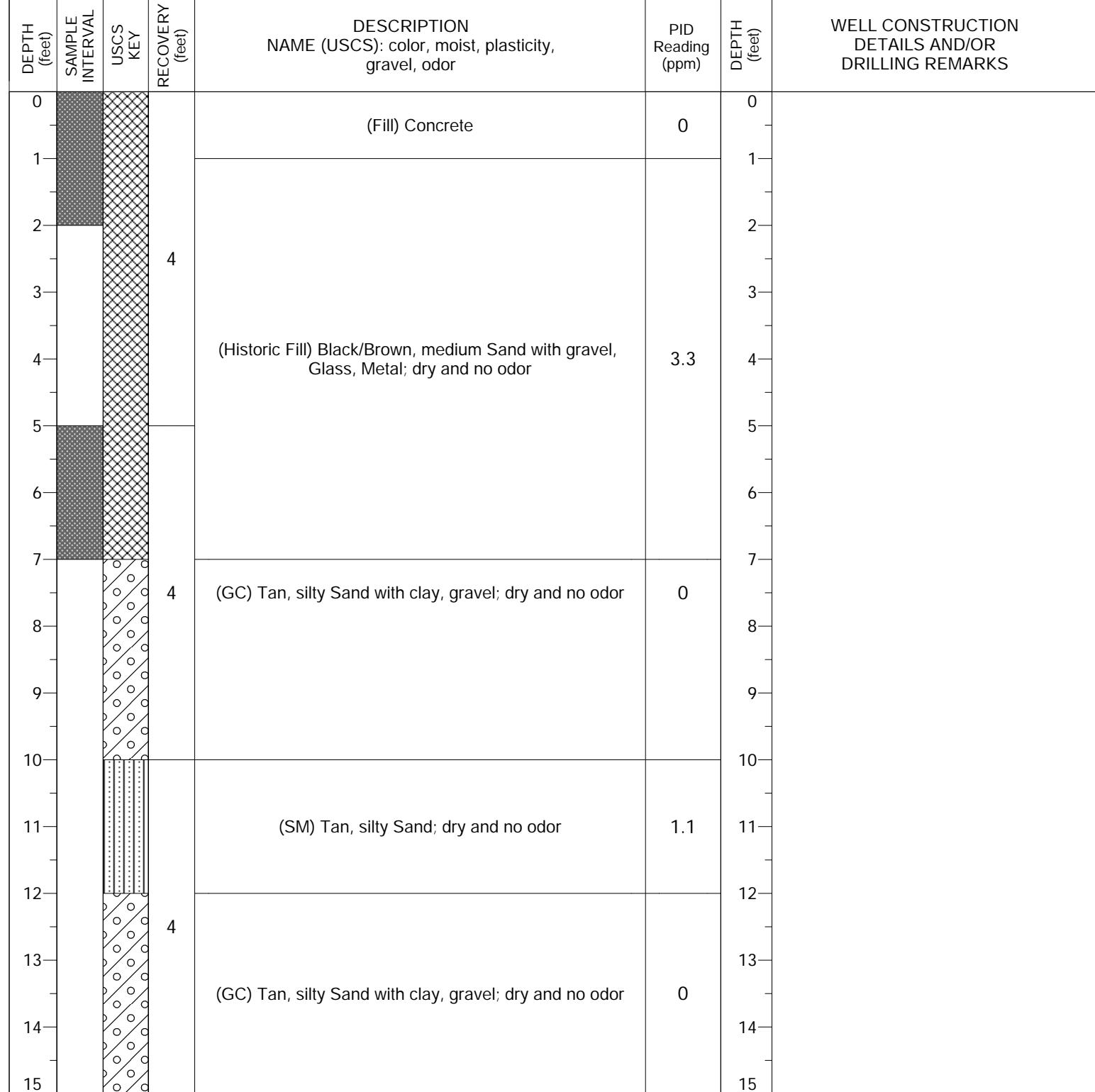
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PROJECT #:		TOT2102					
SITE ADDRESS:		731 4th Avenue, Brooklyn NY					
BORING ID:		SB001	BORING DEPTH (FT):	15	CORE LENGTH (FT): 3		
WELL ID:		N/A	BORING DIAMETER (IN):	2	WELL DIAMETER (IN): N/A		
DRILLING CONTRACTOR:		Associated Environmental	DATE STARTED:	05/13/2020	DATE FINISHED: 05/13/2020		
DRILLING METHOD:		Direct Push	TIME STARTED:	08:30	TIME FINISHED: 08:45		
DRILLING EQUIPMENT:		Geoprobe 7822DT	LATITUDE:	N/A	LONGITUDE: N/A		
SAMPLING METHOD:		Macrocore	PROJECT MANAGER:	Jennifer Lewis	LOGGED BY: Jennifer Lewis		
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				(Fill) Concrete	0.2	0	
1						1	
2			2	(Historic Fill) Black/Brown, medium Sand with gravel, Glass, Metal, possible black staining; dry and no odor	0	2	
3						3	
4						4	
5			2	(Historic Fill) Brown, medium Sand with gravel, Glass, Metal; dry and no odor	0	5	
6						6	
7			2			7	
8						8	
9			2	(SM) Tan, silty Sand; dry and no odor	0	9	
10						10	
11			2			11	
12						12	
13			2	(SM) Tan, silty Sand with some larger clasts; dry and no odor	0.7	13	
14						14	
15						15	

PROJECT #:		TOT2102					
SITE ADDRESS:		731 4th Avenue, Brooklyn NY					
BORING ID:		SB002	BORING DEPTH (FT): 15	CORE LENGTH (FT): 3			
WELL ID:		N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A			
DRILLING CONTRACTOR:		Associated Environmental	DATE STARTED: 05/13/2020	DATE FINISHED: 05/13/2020			
DRILLING METHOD:		Direct Push	TIME STARTED: 09:00	TIME FINISHED: 09:15			
DRILLING EQUIPMENT:		Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A			
SAMPLING METHOD:		Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Jennifer Lewis			
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				(Fill) Concrete	0.2	0	
1						1	
2						2	
3				(Historic Fill) Light Brown, medium Sand with gravel, Glass, Metal; dry and no odor	0	3	
4						4	
5						5	
6						6	
7						7	
8						8	
9						9	
10						10	
11						11	
12						12	
13						13	
14						14	
15						15	

PROJECT #:		TOT2102	 PWGC				
SITE ADDRESS:		731 4th Avenue, Brooklyn NY					
BORING ID:		SB003	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5			
WELL ID:		N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A			
DRILLING CONTRACTOR:		Associated Environmental	DATE STARTED: 05/13/2020	DATE FINISHED: 05/13/2020			
DRILLING METHOD:		Direct Push	TIME STARTED: 09:40	TIME FINISHED: 09:50			
DRILLING EQUIPMENT:		Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A			
SAMPLING METHOD:		Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Jennifer Lewis			
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				(Fill) Concrete	0	0	
1						1	
2			2			2	
3						3	
4				(Historic Fill) Brown, medium Sand with gravel, Brick, Glass; dry and no odor	0.2	4	
5						5	
6						6	
7						7	
8						8	
9						9	
10						10	
11						11	
12			2			12	
13						13	
14						14	
15						15	

PROJECT #:	TOT2102		
SITE ADDRESS:	731 4th Avenue, Brooklyn NY		
BORING ID:	SB004	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5
WELL ID:	N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Associated Environmental	DATE STARTED: 05/13/2020	DATE FINISHED: 05/13/2020
DRILLING METHOD:	Direct Push	TIME STARTED: 12:25	TIME FINISHED: 12:40
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Jennifer Lewis



PROJECT #:		TOT2102	 PWGC				
SITE ADDRESS:		731 4th Avenue, Brooklyn NY					
BORING ID:		SB005	BORING DEPTH (FT): 15	CORE LENGTH (FT): 5			
WELL ID:		N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A			
DRILLING CONTRACTOR:		Associated Environmental	DATE STARTED: 05/13/2020	DATE FINISHED: 05/13/2020			
DRILLING METHOD:		Direct Push	TIME STARTED: 12:45	TIME FINISHED: 12:55			
DRILLING EQUIPMENT:		Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A			
SAMPLING METHOD:		Macrocore	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Jennifer Lewis			
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				(Fill) Concrete	0	0	
1						1	
2						2	
3			4	(Historic Fill) Brown, medium Sand with gravel, Brick, Glass; dry and no odor	1	3	
4						4	
5						5	
6						6	
7						7	
8			4			8	
9						9	
10						10	
11						11	
12						12	
13			4			13	
14						14	
15						15	

APPENDIX B

LABORATORY ANALYTICAL REPORTS

P.W. GROSSER CONSULTING, INC.
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LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SEATTLE • SHELTON



Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Jennifer Lewis

Report Date: 05/21/2021
Client Project ID: TOT2102
York Project (SDG) No.: 21E0656

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
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Report Date: 05/21/2021
Client Project ID: TOT2102
York Project (SDG) No.: 21E0656

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Jennifer Lewis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 14, 2021 and listed below. The project was identified as your project: **TOT2102**.

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 Sample and Analysis Qualifiers 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 Sample and Data Qualifiers Relating to This Work Order section of 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>
21E0656-01	SB001_0-2	Soil	05/13/2021	05/14/2021
21E0656-02	SB001_7-9	Soil	05/13/2021	05/14/2021
21E0656-03	SB002_0-2	Soil	05/13/2021	05/14/2021
21E0656-04	SB002_12-14	Soil	05/13/2021	05/14/2021
21E0656-05	SB003_0-2	Soil	05/13/2021	05/14/2021
21E0656-06	SB003_4-6	Soil	05/13/2021	05/14/2021
21E0656-07	SB004_0-2	Soil	05/13/2021	05/14/2021
21E0656-08	SB004_5-7	Soil	05/13/2021	05/14/2021
21E0656-09	SB005_0-2	Soil	05/13/2021	05/14/2021
21E0656-10	SB005_10.12	Soil	05/13/2021	05/14/2021

General Notes for York Project (SDG) No.: 21E0655

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 analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. 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: *Cassie L. Mosher*

Cassie L. Mosher
Laboratory Manager

Date: 05/21/2021





Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 8:50 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:25	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:25	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 8:50 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:25	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 8:50 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.030	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
127-18-4	Tetrachloroethylene	0.0082	CCV-E	mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 8:50 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:25	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:25	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	93.1 %			77-125								
2037-26-5	<i>Surrogate: SURR: Toluene-d8</i>	104 %			85-120								
460-00-4	<i>Surrogate: SURR: p-Bromofluorobenzene</i>	111 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	0.646		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH



Sample Information

Client Sample ID: SB001_0-2

York Sample ID:

21E0656-01

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 8:50 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
91-57-6	2-Methylnaphthalene	4.07		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
65794-96-9	3- & 4-Methylphenols	0.340		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
83-32-9	Acenaphthene	4.86		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
208-96-8	Acenaphthylene	1.14		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 8:50 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
120-12-7	Anthracene	15.9		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
56-55-3	Benzo(a)anthracene	25.8		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
50-32-8	Benzo(a)pyrene	23.3		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
205-99-2	Benzo(b)fluoranthene	18.3		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
191-24-2	Benzo(g,h,i)perylene	13.7		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
207-08-9	Benzo(k)fluoranthene	20.5		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
86-74-8	Carbazole	10.9		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
218-01-9	Chrysene	24.8		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
53-70-3	Dibenzo(a,h)anthracene	5.50		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 8:50 am

Date Received

05/14/2021

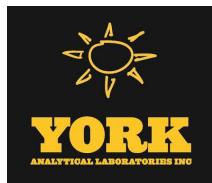
Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
206-44-0	Fluoranthene	70.3		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
86-73-7	Fluorene	8.36		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	13.2		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
91-20-3	Naphthalene	6.84		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:08	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
85-01-8	Phenanthrene	69.6		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
129-00-0	Pyrene	47.7		mg/kg dry	1.15	2.30	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 10:37	KH
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 21:29	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.2 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	61.2 %	23-114								



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 8:50 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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: SURR: Nitrobenzene-d5	73.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	114 %		S-08	19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	106 %			24-116						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6610		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-38-2	Arsenic	5.34		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-39-3	Barium	107		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-43-9	Cadmium	0.583		mg/kg dry	0.333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-70-2	Calcium	4390		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-47-3	Chromium	11.8		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-48-4	Cobalt	5.90		mg/kg dry	0.444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-50-8	Copper	41.2		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7439-89-6	Iron	18300		mg/kg dry	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7439-92-1	Lead	272		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7439-95-4	Magnesium	1420		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7439-96-5	Manganese	156		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-02-0	Nickel	18.7		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-09-7	Potassium	840		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM



Sample Information

Client Sample ID: SB001_0-2

York Sample ID: 21E0656-01

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 8:50 am

Date Received
05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-23-5	Sodium	142		mg/kg dry	55.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-62-2	Vanadium	18.9		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM
7440-66-6	Zinc	256		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:11	EM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.511		mg/kg dry	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/17/2021 14:54	05/17/2021 19:35	BR

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2021 09:32	05/17/2021 14:44	OT

Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:00 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:00 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:51	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:51	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:51	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:00 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
67-64-1	Acetone	0.0064	ICV-E, J	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:00 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.027	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:00 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 13:51	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 13:51	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	94.2 %			77-125								
2037-26-5	<i>Surrogate: SURR: Toluene-d8</i>	96.9 %			85-120								
460-00-4	<i>Surrogate: SURR: p-Bromofluorobenzene</i>	104 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:00 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:00 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:00 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:01	KH

Surrogate Recoveries

	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	65.4 %
4165-62-2	Surrogate: SURR: Phenol-d5	63.1 %
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.0 %
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	81.6 %
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	139 %
1718-51-0	Surrogate: SURR: Terphenyl-d14	111 %
		S-08
		19-110
		24-116



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:00 am

Date Received
05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10300		mg/kg dry	5.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-36-0	Antimony	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-38-2	Arsenic	3.41		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-39-3	Barium	52.6		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-70-2	Calcium	933		mg/kg dry	5.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-47-3	Chromium	21.3		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-48-4	Cobalt	10.5		mg/kg dry	0.427	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-50-8	Copper	12.3		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7439-89-6	Iron	15300		mg/kg dry	26.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7439-92-1	Lead	13.3		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7439-95-4	Magnesium	3290		mg/kg dry	5.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7439-96-5	Manganese	413		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-02-0	Nickel	37.1		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-09-7	Potassium	1770		mg/kg dry	5.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-23-5	Sodium	91.9		mg/kg dry	53.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-62-2	Vanadium	33.0		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM
7440-66-6	Zinc	41.6		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:14	EM



Sample Information

Client Sample ID: SB001_7-9

York Sample ID: 21E0656-02

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:00 am

Date Received

05/14/2021

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	05/17/2021 14:54	05/17/2021 19:45	BR

Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.7		%	0.100	1	SM 2540G	05/17/2021 09:32	05/17/2021 14:44	OT

Certifications: CTDOH

Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:10 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP											
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP											
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	05/18/2021 09:00	05/18/2021 14:17	YG
Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP											



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:10 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 14:17	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:10 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:10 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.026	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:17	YG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 14:17	YG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.6 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.1 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB002_0-2

York Sample ID:

21E0656-03

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:10 am

Date Received

05/14/2021

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
91-57-6	2-Methylnaphthalene	1.05		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
65794-96-9	3- & 4-Methylphenols	0.0621	J	mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:10 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
83-32-9	Acenaphthene	0.872		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
208-96-8	Acenaphthylene	0.878		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
62-53-3	Aniline	ND		mg/kg dry	0.192	0.384	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
120-12-7	Anthracene	2.69		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.384	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
56-55-3	Benzo(a)anthracene	6.87		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
50-32-8	Benzo(a)pyrene	7.88		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
205-99-2	Benzo(b)fluoranthene	6.54		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
191-24-2	Benzo(g,h,i)perylene	6.04		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
207-08-9	Benzo(k)fluoranthene	5.92		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:10 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0959	0.191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
86-74-8	Carbazole	1.29		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
218-01-9	Chrysene	6.73		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
53-70-3	Dibenzo(a,h)anthracene	1.01		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
84-74-2	Di-n-butyl phthalate	0.0567	J	mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
206-44-0	Fluoranthene	15.6		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
86-73-7	Fluorene	1.44		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	4.52		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
91-20-3	Naphthalene	1.76		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:10 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH		
85-01-8	Phenanthrene	15.2		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH		
108-95-2	Phenol	ND		mg/kg dry	0.0480	0.0959	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH		
129-00-0	Pyrene	12.2		mg/kg dry	0.480	0.959	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 11:39	KH		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.384	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 22:33	KH		
Surrogate Recoveries		Result	Acceptance Range										
367-12-4	<i>Surrogate: SURR: 2-Fluorophenol</i>	70.6 %			20-108								
4165-62-2	<i>Surrogate: SURR: Phenol-d5</i>	69.1 %			23-114								
4165-60-0	<i>Surrogate: SURR: Nitrobenzene-d5</i>	80.2 %			22-108								
321-60-8	<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	85.7 %			21-113								
118-79-6	<i>Surrogate: SURR: 2,4,6-Tribromophenol</i>	145 %	S-08		19-110								
1718-51-0	<i>Surrogate: SURR: Terphenyl-d14</i>	119 %	S-08		24-116								

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6610		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-36-0	Antimony	7.30		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-38-2	Arsenic	17.3		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-39-3	Barium	517		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-43-9	Cadmium	1.65		mg/kg dry	0.347	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-70-2	Calcium	1040		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:10 am

Date Received

05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	27.7		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-48-4	Cobalt	11.4		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-50-8	Copper	245		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7439-89-6	Iron	77400		mg/kg dry	28.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7439-92-1	Lead	2350		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7439-95-4	Magnesium	1390		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7439-96-5	Manganese	528		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-02-0	Nickel	36.1		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-09-7	Potassium	680		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7782-49-2	Selenium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-22-4	Silver	0.851		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-23-5	Sodium	62.4		mg/kg dry	57.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-28-0	Thallium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-62-2	Vanadium	24.4		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM
7440-66-6	Zinc	728		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:23	EM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.57		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/17/2021 14:54	05/17/2021 21:10	BR

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	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			



Sample Information

Client Sample ID: SB002_0-2

York Sample ID: 21E0656-03

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:10 am

Date Received
05/14/2021

Total Solids

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.4		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2021 09:35	05/17/2021 15:20	OT

Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:30 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by 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		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 14:44	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 14:44	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E0656	TOT2102	Soil	May 13, 2021 9:30 am	05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 14:44	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:30 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:30 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.022	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 14:44	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 14:44	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.9 %			77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	96.8 %			85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E0656	TOT2102	Soil	May 13, 2021 9:30 am	05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:30 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.359	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:30 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:30 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH	
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH	
85-01-8	Phenanthrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH	
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH	
129-00-0	Pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH	
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:04	KH	
Surrogate Recoveries		Result	Acceptance Range									
367-12-4	<i>Surrogate: SURR: 2-Fluorophenol</i>	68.6 %	20-108									
4165-62-2	<i>Surrogate: SURR: Phenol-d5</i>	67.8 %	23-114									
4165-60-0	<i>Surrogate: SURR: Nitrobenzene-d5</i>	81.2 %	22-108									
321-60-8	<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	86.1 %	21-113									
118-79-6	<i>Surrogate: SURR: 2,4,6-Tribromophenol</i>	142 %	S-08	19-110								
1718-51-0	<i>Surrogate: SURR: Terphenyl-d14</i>	116 %	24-116									

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6640		mg/kg dry	5.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-36-0	Antimony	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-38-2	Arsenic	4.62		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-39-3	Barium	51.0		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-70-2	Calcium	2120		mg/kg dry	5.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-47-3	Chromium	14.9		mg/kg dry	0.541	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM
7440-48-4	Cobalt	7.06		mg/kg dry	0.433	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:25	EM



Sample Information

Client Sample ID: SB002_12-14

York Sample ID: 21E0656-04

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:30 am

Date Received

05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	14.2		mg/kg dry	2.16	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	13300		mg/kg dry	27.0	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	7.40		mg/kg dry	0.541	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	2810		mg/kg dry	5.41	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	367		mg/kg dry	0.541	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	20.7		mg/kg dry	1.08	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	1620		mg/kg dry	5.41	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.541	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	105		mg/kg dry	54.1	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	23.7		mg/kg dry	1.08	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	36.0		mg/kg dry	2.70	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:25	EM
					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	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0462		mg/kg dry	0.0324	1	EPA 7473	05/17/2021 14:54	05/17/2021 20:23	BR
					Certifications:		CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.5		%	0.100	1	SM 2540G	05/17/2021 09:35	05/17/2021 15:20	OT
					Certifications:		CTDOH			



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:55 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:10	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:10	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:10	YG



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:55 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:55 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.021	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:55 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:10	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:10	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.4 %			77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.3 %			85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:55 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
91-57-6	2-Methylnaphthalene	0.0754	J	mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
83-32-9	Acenaphthene	0.171		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
208-96-8	Acenaphthylene	0.249		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:55 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	0.912		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
56-55-3	Benzo(a)anthracene	2.46		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
50-32-8	Benzo(a)pyrene	2.34		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
205-99-2	Benzo(b)fluoranthene	1.77		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
191-24-2	Benzo(g,h,i)perylene	1.41		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
207-08-9	Benzo(k)fluoranthene	1.95		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
85-68-7	Benzyl butyl phthalate	1.46		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.315		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
86-74-8	Carbazole	0.336		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
218-01-9	Chrysene	2.36		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
53-70-3	Dibenzo(a,h)anthracene	0.403		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
132-64-9	Dibenzofuran	0.180		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:55 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
84-74-2	Di-n-butyl phthalate	0.264		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
206-44-0	Fluoranthene	5.09		mg/kg dry	0.114	0.227	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:10	KH
86-73-7	Fluorene	0.210		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	1.24		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
91-20-3	Naphthalene	0.112		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
85-01-8	Phenanthrene	2.89		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
108-95-2	Phenol	ND		mg/kg dry	0.0454	0.0907	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH
129-00-0	Pyrene	3.96		mg/kg dry	0.114	0.227	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:10	KH
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/19/2021 23:36	KH

Surrogate Recoveries

	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.4 %
4165-62-2	Surrogate: SURR: Phenol-d5	50.1 %



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 9:55 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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: SURR: Nitrobenzene-d5	59.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	111 %		S-08	19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	98.8 %			24-116						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5280		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-36-0	Antimony	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-38-2	Arsenic	ND		mg/kg dry	1.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-39-3	Barium	107		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-43-9	Cadmium	0.766		mg/kg dry	0.328	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-70-2	Calcium	4630		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-47-3	Chromium	13.1		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-48-4	Cobalt	5.14		mg/kg dry	0.438	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-50-8	Copper	33.5		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7439-89-6	Iron	18300		mg/kg dry	27.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7439-92-1	Lead	271		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7439-95-4	Magnesium	1660		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7439-96-5	Manganese	247		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-02-0	Nickel	26.8		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-09-7	Potassium	662		mg/kg dry	5.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM



Sample Information

Client Sample ID: SB003_0-2

York Sample ID: 21E0656-05

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 9:55 am

Date Received
05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-23-5	Sodium	85.3		mg/kg dry	54.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-62-2	Vanadium	18.5		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM
7440-66-6	Zinc	1670		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:28	EM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.914		mg/kg dry	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/18/2021 09:20	05/18/2021 11:07	BR

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.4		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2021 09:35	05/17/2021 15:20	OT

Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 10:05 am

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 10:05 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:37	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:37	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.087	0.17	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:37	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 10:05 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
67-64-1	Acetone	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
71-43-2	Benzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 10:05 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
100-42-5	Styrene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0044	0.044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
108-88-3	Toluene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 10:05 am

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 15:37	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.026	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 15:37	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.2 %			77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.8 %			85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	0.0664	J	mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 10:05 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
91-57-6	2-Methylnaphthalene	0.168		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
65794-96-9	3- & 4-Methylphenols	0.236		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
83-32-9	Acenaphthene	0.685		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
208-96-8	Acenaphthylene	9.47		mg/kg dry	0.270	0.539	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 13:11	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
62-53-3	Aniline	ND		mg/kg dry	0.216	0.432	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
120-12-7	Anthracene	8.41		mg/kg dry	0.270	0.539	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 13:11	KH



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 10:05 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
92-87-5	Benzidine	ND		mg/kg dry	0.216	0.432	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
56-55-3	Benzo(a)anthracene	26.7		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
50-32-8	Benzo(a)pyrene	24.7		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
205-99-2	Benzo(b)fluoranthene	23.1		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
191-24-2	Benzo(g,h,i)perylene	17.2		mg/kg dry	0.270	0.539	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 13:11	KH
207-08-9	Benzo(k)fluoranthene	23.6		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
85-68-7	Benzyl butyl phthalate	0.0630	J	mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.372		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
86-74-8	Carbazole	5.34		mg/kg dry	0.270	0.539	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 13:11	KH
218-01-9	Chrysene	25.5		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
53-70-3	Dibenzo(a,h)anthracene	6.91		mg/kg dry	0.270	0.539	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 13:11	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
84-74-2	Di-n-butyl phthalate	0.147		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 10:05 am

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
206-44-0	Fluoranthene	55.9		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
86-73-7	Fluorene	1.13		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	16.3		mg/kg dry	0.270	0.539	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 13:11	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
91-20-3	Naphthalene	0.323		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
85-01-8	Phenanthrene	25.1		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
108-95-2	Phenol	ND		mg/kg dry	0.0541	0.108	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
129-00-0	Pyrene	37.9		mg/kg dry	1.35	2.70	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 12:41	KH
110-86-1	Pyridine	ND		mg/kg dry	0.216	0.432	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:08	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	38.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	41.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.6 %	19-110								



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 10:05 am

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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: SURR: Terphenyl-d14	85.8 %			24-116						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5020		mg/kg dry	6.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-38-2	Arsenic	6.65		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-39-3	Barium	325		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-43-9	Cadmium	3.86		mg/kg dry	0.391	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-70-2	Calcium	66400		mg/kg dry	6.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-47-3	Chromium	50.8		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-48-4	Cobalt	13.1		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-50-8	Copper	77.8		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7439-89-6	Iron	16700		mg/kg dry	32.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7439-92-1	Lead	2740		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7439-95-4	Magnesium	4230		mg/kg dry	6.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7439-96-5	Manganese	245		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-02-0	Nickel	28.8		mg/kg dry	1.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-09-7	Potassium	783		mg/kg dry	6.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM
7440-22-4	Silver	ND		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:31	EM



Sample Information

Client Sample ID: SB003_4-6

York Sample ID: 21E0656-06

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 10:05 am

Date Received

05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	243		mg/kg dry	65.1	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:31	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.26	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:31	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	24.6		mg/kg dry	1.30	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:31	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	3100		mg/kg dry	3.26	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:31	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.18		mg/kg dry	0.0391	1	EPA 7473	05/18/2021 09:20	05/18/2021 11:14	BR
					Certifications:		CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.8		%	0.100	1	SM 2540G	05/17/2021 09:35	05/17/2021 15:20	OT
					Certifications:		CTDOH			

Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:35 pm

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0025	0.0049	1	EPA 8260C	05/18/2021 09:00	05/18/2021 16:03	YG
					Certifications:		CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	05/18/2021 09:00	05/18/2021 16:03	YG
					Certifications:		CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	05/18/2021 09:00	05/18/2021 16:03	YG
					Certifications:		CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:03	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:03	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.099	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:03	YG
78-93-3	2-Butanone	0.0044	J	mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
67-64-1	Acetone	0.019	ICV-E	mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.025	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:03	YG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:03	YG
Surrogate Recoveries											
17060-07-0	<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	97.8 %			77-125						
2037-26-5	<i>Surrogate: SURR: Toluene-d8</i>	97.1 %			85-120						
460-00-4	<i>Surrogate: SURR: p-Bromofluorobenzene</i>	110 %			76-130						

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
91-57-6	2-Methylnaphthalene	0.0976		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
83-32-9	Acenaphthene	0.143		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
208-96-8	Acenaphthylene	0.180		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
62-53-3	Aniline	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
120-12-7	Anthracene	0.549		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:35 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
56-55-3	Benzo(a)anthracene	1.25		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
50-32-8	Benzo(a)pyrene	0.810		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
205-99-2	Benzo(b)fluoranthene	0.817		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
191-24-2	Benzo(g,h,i)perylene	0.707		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
207-08-9	Benzo(k)fluoranthene	1.27		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
86-74-8	Carbazole	0.304		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
218-01-9	Chrysene	1.34		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
53-70-3	Dibenzo(a,h)anthracene	0.259		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
206-44-0	Fluoranthene	3.00		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	0.205		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.648		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
91-20-3	Naphthalene	0.117		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
85-01-8	Phenanthrene	1.90		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
129-00-0	Pyrene	2.12		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 00:39	KH

Surrogate Recoveries

	<u>Result</u>	<u>Acceptance Range</u>
367-12-4	Surrogate: SURR: 2-Fluorophenol	41.2 %
4165-62-2	Surrogate: SURR: Phenol-d5	43.4 %
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	59.8 %
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.9 %
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.2 %
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.1 %
		20-108
		23-114
		22-108
		21-113
		19-110
		24-116

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0656	TOT2102	Soil	May 13, 2021 12:35 pm	05/14/2021

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9350		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-38-2	Arsenic	4.97		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-39-3	Barium	267		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-43-9	Cadmium	2.60		mg/kg dry	0.343	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-70-2	Calcium	7200		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-47-3	Chromium	20.0		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-48-4	Cobalt	10.1		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-50-8	Copper	255		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7439-89-6	Iron	67400		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7439-92-1	Lead	969		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7439-95-4	Magnesium	3200		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7439-96-5	Manganese	350		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-02-0	Nickel	37.8		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-09-7	Potassium	1040		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-23-5	Sodium	133		mg/kg dry	57.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-62-2	Vanadium	26.5		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM
7440-66-6	Zinc	988		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:33	EM



Sample Information

Client Sample ID: SB004_0-2

York Sample ID: 21E0656-07

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:35 pm

Date Received
05/14/2021

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.12		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/18/2021 09:20	05/18/2021 11:26	BR

Total Solids

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2021 09:35	05/17/2021 15:20	OT

Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:40 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by 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		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:29	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:29	YG



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:40 pm

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:29	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:40 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:40 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.032	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:29	YG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:29	YG

Surrogate Recoveries

	<u>Result</u>	<u>Acceptance Range</u>
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.1 %
2037-26-5	Surrogate: SURR: Toluene-d8	96.1 %
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:40 pm

Date Received

05/14/2021

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:40 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
83-32-9	Acenaphthene	0.0497	J	mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
120-12-7	Anthracene	0.140		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
56-55-3	Benzo(a)anthracene	0.335		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
50-32-8	Benzo(a)pyrene	0.300		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
205-99-2	Benzo(b)fluoranthene	0.252		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
191-24-2	Benzo(g,h,i)perylene	0.213		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
207-08-9	Benzo(k)fluoranthene	0.238		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:40 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
86-74-8	Carbazole	0.0738	J	mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
218-01-9	Chrysene	0.311		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
53-70-3	Dibenzo(a,h)anthracene	0.0716	J	mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
206-44-0	Fluoranthene	0.746		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
86-73-7	Fluorene	0.0577	J	mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.170		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:40 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
85-01-8	Phenanthrene	0.572		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
129-00-0	Pyrene	0.606		mg/kg dry	0.0458	0.0914	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 01:11	KH		
Surrogate Recoveries		Result	Acceptance Range										
367-12-4	<i>Surrogate: SURR: 2-Fluorophenol</i>	40.9 %			20-108								
4165-62-2	<i>Surrogate: SURR: Phenol-d5</i>	57.6 %			23-114								
4165-60-0	<i>Surrogate: SURR: Nitrobenzene-d5</i>	67.9 %			22-108								
321-60-8	<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	76.2 %			21-113								
118-79-6	<i>Surrogate: SURR: 2,4,6-Tribromophenol</i>	22.9 %			19-110								
1718-51-0	<i>Surrogate: SURR: Terphenyl-d14</i>	118 %	S-08		24-116								

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14500		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM
7440-36-0	Antimony	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM
7440-38-2	Arsenic	5.82		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM
7440-39-3	Barium	137		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM
7440-43-9	Cadmium	1.11		mg/kg dry	0.331	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM
7440-70-2	Calcium	4360		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:36	EM



Sample Information

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:40 pm

Date Received

05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	27.4		mg/kg dry	0.552	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	11.6		mg/kg dry	0.441	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	36.6		mg/kg dry	2.21	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	22400		mg/kg dry	27.6	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	129		mg/kg dry	0.552	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	3570		mg/kg dry	5.52	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	578		mg/kg dry	0.552	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	25.6		mg/kg dry	1.10	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	1700		mg/kg dry	5.52	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.76	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	128		mg/kg dry	55.2	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.76	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	39.0		mg/kg dry	1.10	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	122		mg/kg dry	2.76	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:36	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.152		mg/kg dry	0.0331	1	EPA 7473	05/18/2021 09:20	05/18/2021 11:38	BR
					Certifications:		CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

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

Client Sample ID: SB004_5-7

York Sample ID: 21E0656-08

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:40 pm

Date Received
05/14/2021

Total Solids

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2021 09:35	05/17/2021 15:20	OT

Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:55 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by 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		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:56	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:56	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:55 pm

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:56	YG
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
67-64-1	Acetone	0.012	ICV-E	mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:55 pm

Date Received

05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:55 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.022	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 16:56	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 16:56	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.3 %			77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	96.9 %			85-120								
460-00-4	Surrogate: SURR: <i>p</i> -Bromofluorobenzene	107 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:55 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
91-57-6	2-Methylnaphthalene	0.0885	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:55 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
83-32-9	Acenaphthene	0.121		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
208-96-8	Acenaphthylene	0.182		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
120-12-7	Anthracene	0.578		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
56-55-3	Benzo(a)anthracene	1.41		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
50-32-8	Benzo(a)pyrene	1.23		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
205-99-2	Benzo(b)fluoranthene	1.05		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
191-24-2	Benzo(g,h,i)perylene	0.645		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
207-08-9	Benzo(k)fluoranthene	0.930		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
85-68-7	Benzyl butyl phthalate	0.609		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 12:55 pm

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
86-74-8	Carbazole	0.304		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
218-01-9	Chrysene	1.24		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
53-70-3	Dibenzo(a,h)anthracene	0.170		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
132-64-9	Dibenzofuran	0.116		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
206-44-0	Fluoranthene	2.50		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
86-73-7	Fluorene	0.182		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.808		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
91-20-3	Naphthalene	0.112		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH



Sample Information

Client Sample ID: SB005_0-2

York Sample ID: 21E0656-09

York Project (SDG) No.

21E0656

Client Project ID

TOT2102

Matrix

Soil

Collection Date/Time

May 13, 2021 12:55 pm

Date Received

05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH		
85-01-8	Phenanthrene	1.96		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH		
129-00-0	Pyrene	2.78		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/21/2021 09:43	KH		
Surrogate Recoveries		Result	Acceptance Range										
367-12-4	<i>Surrogate: SURR: 2-Fluorophenol</i>	70.8 %			20-108								
4165-62-2	<i>Surrogate: SURR: Phenol-d5</i>	72.5 %			23-114								
4165-60-0	<i>Surrogate: SURR: Nitrobenzene-d5</i>	77.2 %			22-108								
321-60-8	<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	84.0 %			21-113								
118-79-6	<i>Surrogate: SURR: 2,4,6-Tribromophenol</i>	44.9 %			19-110								
1718-51-0	<i>Surrogate: SURR: Terphenyl-d14</i>	89.4 %			24-116								

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8460		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-36-0	Antimony	5.58		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-38-2	Arsenic	5.41		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-39-3	Barium	305		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-43-9	Cadmium	1.25		mg/kg dry	0.340	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-70-2	Calcium	5890		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-47-3	Chromium	24.0		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM
7440-48-4	Cobalt	6.38		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:38	EM



Sample Information

<u>Client Sample ID:</u> SB005_0-2		<u>York Sample ID:</u> 21E0656-09
<u>York Project (SDG) No.</u> 21E0656	<u>Client Project ID</u> TOT2102	<u>Matrix</u> Soil <u>Collection Date/Time</u> May 13, 2021 12:55 pm <u>Date Received</u> 05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	220		mg/kg dry	2.26	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	19900		mg/kg dry	28.3	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	724		mg/kg dry	0.566	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	2240		mg/kg dry	5.66	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	258		mg/kg dry	0.566	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	29.4		mg/kg dry	1.13	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	838		mg/kg dry	5.66	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	98.5		mg/kg dry	56.6	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	23.6		mg/kg dry	1.13	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	543		mg/kg dry	2.83	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:38	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.36		mg/kg dry	0.0340	1	EPA 7473	05/18/2021 09:20	05/18/2021 11:47	BR
					Certifications:		CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.3		%	0.100	1	SM 2540G	05/17/2021 09:35	05/17/2021 15:20	OT
					Certifications:		CTDOH			



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 1:10 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 17:22	YG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 17:22	YG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 17:22	YG



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 1:10 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
67-64-1	Acetone	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
107-02-8	Acrolein	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E0656	TOT2102	Soil	May 13, 2021 1:10 pm	05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.032	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 1:10 pm

Date Received
05/14/2021

Volatiles, 8260 Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/18/2021 09:00	05/18/2021 17:22	YG		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/18/2021 09:00	05/18/2021 17:22	YG		
Surrogate Recoveries		Result	Acceptance Range										
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	92.5 %			77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	96.7 %			85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130								

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 1:10 pm

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
62-53-3	Aniline	ND		mg/kg dry	0.177	0.353	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0656	TOT2102	Soil	May 13, 2021 1:10 pm	05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.353	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0882	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 1:10 pm

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
206-44-0	Fluoranthene	0.0860	J	mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
85-01-8	Phenanthrene	0.0557	J	mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
129-00-0	Pyrene	0.0621	J	mg/kg dry	0.0442	0.0882	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.353	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 07:46	05/20/2021 18:00	KH

Surrogate Recoveries

	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	28.5 %
4165-62-2	Surrogate: SURR: Phenol-d5	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	21-113



Sample Information

Client Sample ID: SB005_10.12

York Sample ID: 21E0656-10

York Project (SDG) No.
21E0656

Client Project ID
TOT2102

Matrix
Soil

Collection Date/Time
May 13, 2021 1:10 pm

Date Received
05/14/2021

Semi-Volatiles, 8270 Comprehensive

Sample Prepared by Method: EPA 3546 SVOA

Log-in Notes:

Sample Notes:

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: SURR: 2,4,6-Tribromophenol	23.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	125 %			24-116						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7290		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-36-0	Antimony	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-38-2	Arsenic	1.94		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-39-3	Barium	52.1		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-70-2	Calcium	7900		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-47-3	Chromium	21.3		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-48-4	Cobalt	6.84		mg/kg dry	0.426	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-50-8	Copper	15.2		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7439-89-6	Iron	12700		mg/kg dry	26.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7439-92-1	Lead	21.5		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7439-95-4	Magnesium	2960		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7439-96-5	Manganese	299		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-02-0	Nickel	21.9		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-09-7	Potassium	1950		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM
7440-22-4	Silver	ND		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2021 15:26	05/20/2021 15:41	EM



Sample Information

<u>Client Sample ID:</u> SB005_10.12	<u>York Sample ID:</u> 21E0656-10			
<u>York Project (SDG) No.</u> 21E0656	<u>Client Project ID</u> TOT2102	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 13, 2021 1:10 pm	<u>Date Received</u> 05/14/2021

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	149		mg/kg dry	53.2	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:41	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.66	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:41	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	21.9		mg/kg dry	1.06	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:41	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	61.5		mg/kg dry	2.66	1	EPA 6010D	05/18/2021 15:26	05/20/2021 15:41	EM
					Certifications:		CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0545		mg/kg dry	0.0319	1	EPA 7473	05/18/2021 09:20	05/18/2021 11:59	BR

Total Solids

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.9		%	0.100	1	SM 2540G	05/17/2021 09:35	05/17/2021 15:20	OT



Analytical Batch Summary

Batch ID: BE10794**Preparation Method:** % Solids Prep**Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-01	SB001_0-2	05/17/21
21E0656-02	SB001_7-9	05/17/21
BE10794-DUP1	Duplicate	05/17/21

Batch ID: BE10795**Preparation Method:** % Solids Prep**Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-03	SB002_0-2	05/17/21
21E0656-04	SB002_12-14	05/17/21
21E0656-05	SB003_0-2	05/17/21
21E0656-06	SB003_4-6	05/17/21
21E0656-07	SB004_0-2	05/17/21
21E0656-08	SB004_5-7	05/17/21
21E0656-09	SB005_0-2	05/17/21
21E0656-10	SB005_10.12	05/17/21
BE10795-DUP1	Duplicate	05/17/21

Batch ID: BE10846**Preparation Method:** EPA 7473 soil**Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-01	SB001_0-2	05/17/21
21E0656-02	SB001_7-9	05/17/21
21E0656-03	SB002_0-2	05/17/21
21E0656-04	SB002_12-14	05/17/21
BE10846-BLK1	Blank	05/17/21
BE10846-DUP1	Duplicate	05/17/21
BE10846-MS1	Matrix Spike	05/17/21
BE10846-SRM1	Reference	05/17/21

Batch ID: BE10860**Preparation Method:** EPA 3546 SVOA**Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-01	SB001_0-2	05/18/21
21E0656-01RE1	SB001_0-2	05/18/21
21E0656-01RE2	SB001_0-2	05/18/21
21E0656-02	SB001_7-9	05/18/21
21E0656-03	SB002_0-2	05/18/21
21E0656-03RE1	SB002_0-2	05/18/21
21E0656-04	SB002_12-14	05/18/21
21E0656-05	SB003_0-2	05/18/21
21E0656-05RE1	SB003_0-2	05/18/21
21E0656-06	SB003_4-6	05/18/21
21E0656-06RE1	SB003_4-6	05/18/21
21E0656-06RE2	SB003_4-6	05/18/21



21E0656-07	SB004_0-2	05/18/21
21E0656-08	SB004_5-7	05/18/21
21E0656-09	SB005_0-2	05/18/21
21E0656-10	SB005_10.12	05/18/21
BE10860-BLK1	Blank	05/18/21
BE10860-BS1	LCS	05/18/21
BE10860-MS1	Matrix Spike	05/18/21
BE10860-MSD1	Matrix Spike Dup	05/18/21

Batch ID: BE10869**Preparation Method:** EPA 5035A**Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-01	SB001_0-2	05/18/21
21E0656-02	SB001_7-9	05/18/21
21E0656-03	SB002_0-2	05/18/21
21E0656-04	SB002_12-14	05/18/21
21E0656-05	SB003_0-2	05/18/21
21E0656-06	SB003_4-6	05/18/21
21E0656-07	SB004_0-2	05/18/21
21E0656-08	SB004_5-7	05/18/21
21E0656-09	SB005_0-2	05/18/21
21E0656-10	SB005_10.12	05/18/21
BE10869-BLK1	Blank	05/18/21
BE10869-BLK2	Blank	05/18/21
BE10869-BS1	LCS	05/18/21
BE10869-BSD1	LCS Dup	05/18/21

Batch ID: BE10875**Preparation Method:** EPA 7473 soil**Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-05	SB003_0-2	05/18/21
21E0656-06	SB003_4-6	05/18/21
21E0656-07	SB004_0-2	05/18/21
21E0656-08	SB004_5-7	05/18/21
21E0656-09	SB005_0-2	05/18/21
21E0656-10	SB005_10.12	05/18/21
BE10875-BLK1	Blank	05/18/21
BE10875-DUP1	Duplicate	05/18/21
BE10875-MS1	Matrix Spike	05/18/21
BE10875-SRM1	Reference	05/18/21

Batch ID: BE10921**Preparation Method:** EPA 3050B**Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E0656-01	SB001_0-2	05/18/21
21E0656-02	SB001_7-9	05/18/21
21E0656-03	SB002_0-2	05/18/21
21E0656-04	SB002_12-14	05/18/21
21E0656-05	SB003_0-2	05/18/21
21E0656-06	SB003_4-6	05/18/21



21E0656-07	SB004_0-2	05/18/21
21E0656-08	SB004_5-7	05/18/21
21E0656-09	SB005_0-2	05/18/21
21E0656-10	SB005_10.12	05/18/21
BE10921-BLK1	Blank	05/18/21
BE10921-DUP1	Duplicate	05/18/21
BE10921-MS1	Matrix Spike	05/18/21
BE10921-PS1	Post Spike	05/18/21
BE10921-SRM1	Reference	05/18/21



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	RPD Limit	Flag
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Batch BE10869 - EPA 5035A

Blank (BE10869-BLK1)

Prepared & Analyzed: 05/18/2021

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								



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	RPD Limit	RPD Flag
Batch BE10869 - EPA 5035A											
Blank (BE10869-BLK1)											
Ethyl Benzene	ND	0.0050	mg/kg wet						Prepared & Analyzed: 05/18/2021		
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: Surr: 1,2-Dichloroethane-d4	47.1	ug/L	50.0		94.2	77-125					
Surrogate: Surr: Toluene-d8	48.8	"	50.0		97.6	85-120					
Surrogate: Surr: p-Bromofluorobenzene	52.3	"	50.0		105	76-130					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE10869 - EPA 5035A

Blank (BE10869-BLK2)

Prepared & Analyzed: 05/18/2021

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet
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	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	10	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	1.0	"
Acrolein	ND	1.0	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10869 - EPA 5035A											
Blank (BE10869-BLK2)											
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: Surr: 1,2-Dichloroethane-d4	47.0	ug/L	50.0		93.9	77-125					
Surrogate: Surr: Toluene-d8	48.7	"	50.0		97.3	85-120					
Surrogate: Surr: p-Bromofluorobenzene	51.5	"	50.0		103	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 BE10869 - EPA 5035A

LCS (BE10869-BS1)	Prepared & Analyzed: 05/18/2021									
1,1,1,2-Tetrachloroethane	41.7		ug/L	50.0	83.4	75-129				
1,1,1-Trichloroethane	36.3		"	50.0	72.6	71-137				
1,1,2,2-Tetrachloroethane	47.5		"	50.0	95.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36.0		"	50.0	71.9	58-146				
1,1,2-Trichloroethane	44.7		"	50.0	89.4	83-123				
1,1-Dichloroethane	39.7		"	50.0	79.4	75-130				
1,1-Dichloroethylene	37.2		"	50.0	74.5	64-137				
1,1-Dichloropropylene	37.6		"	50.0	75.2	77-127	Low Bias			
1,2,3-Trichlorobenzene	39.5		"	50.0	78.9	81-140	Low Bias			
1,2,3-Trichloropropane	42.7		"	50.0	85.4	81-126				
1,2,4-Trichlorobenzene	41.7		"	50.0	83.4	80-141				
1,2,4-Trimethylbenzene	44.6		"	50.0	89.3	84-125				
1,2-Dibromo-3-chloropropane	36.4		"	50.0	72.7	74-142	Low Bias			
1,2-Dibromoethane	43.8		"	50.0	87.6	86-123				
1,2-Dichlorobenzene	43.3		"	50.0	86.6	85-122				
1,2-Dichloroethane	42.7		"	50.0	85.3	71-133				
1,2-Dichloropropane	44.9		"	50.0	89.7	81-122				
1,3,5-Trimethylbenzene	43.3		"	50.0	86.6	82-126				
1,3-Dichlorobenzene	43.1		"	50.0	86.2	84-124				
1,3-Dichloropropane	46.0		"	50.0	91.9	83-123				
1,4-Dichlorobenzene	44.2		"	50.0	88.4	84-124				
1,4-Dioxane	1220		"	1050	116	10-228				
2,2-Dichloropropane	36.1		"	50.0	72.1	67-136				
2-Butanone	36.0		"	50.0	72.0	58-147				
2-Chlorotoluene	44.1		"	50.0	88.3	78-127				
2-Hexanone	45.5		"	50.0	91.0	70-139				
4-Chlorotoluene	44.8		"	50.0	89.6	79-125				
4-Methyl-2-pentanone	48.0		"	50.0	95.9	72-132				
Acetone	28.0		"	50.0	55.9	36-155				
Acrolein	60.0		"	50.0	120	10-238				
Acrylonitrile	39.8		"	50.0	79.7	66-141				
Benzene	41.8		"	50.0	83.5	77-127				
Bromobenzene	47.0		"	50.0	94.1	77-129				
Bromochloromethane	45.1		"	50.0	90.2	74-129				
Bromodichloromethane	44.8		"	50.0	89.7	81-124				
Bromoform	37.9		"	50.0	75.8	80-136	Low Bias			
Bromomethane	39.2		"	50.0	78.5	32-177				
Carbon disulfide	38.2		"	50.0	76.3	10-136				
Carbon tetrachloride	34.0		"	50.0	67.9	66-143				
Chlorobenzene	41.7		"	50.0	83.4	86-120	Low Bias			
Chloroethane	46.7		"	50.0	93.4	51-142				
Chloroform	40.5		"	50.0	81.0	76-131				
Chloromethane	51.4		"	50.0	103	49-132				
cis-1,2-Dichloroethylene	41.2		"	50.0	82.4	74-132				
cis-1,3-Dichloropropylene	45.6		"	50.0	91.3	81-129				
Cyclohexane	39.8		"	50.0	79.6	70-130				
Dibromochloromethane	44.6		"	50.0	89.2	10-200				
Dibromomethane	43.5		"	50.0	86.9	83-124				
Dichlorodifluoromethane	53.0		"	50.0	106	28-158				
Ethyl Benzene	42.9		"	50.0	85.8	84-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE10869 - EPA 5035A

Prepared & Analyzed: 05/18/2021						
Hexachlorobutadiene	34.3	ug/L	50.0	68.5	83-133	Low Bias
Isopropylbenzene	40.9	"	50.0	81.9	81-127	
Methyl acetate	39.7	"	50.0	79.4	41-143	
Methyl tert-butyl ether (MTBE)	43.6	"	50.0	87.2	74-131	
Methylcyclohexane	39.0	"	50.0	78.0	70-130	
Methylene chloride	44.8	"	50.0	89.6	57-141	
n-Butylbenzene	45.6	"	50.0	91.2	80-130	
n-Propylbenzene	42.5	"	50.0	85.0	74-136	
o-Xylene	44.4	"	50.0	88.9	83-123	
p- & m- Xylenes	85.8	"	100	85.8	82-128	
p-Isopropyltoluene	41.8	"	50.0	83.5	85-125	Low Bias
sec-Butylbenzene	43.4	"	50.0	86.9	83-125	
Styrene	47.8	"	50.0	95.7	86-126	
tert-Butyl alcohol (TBA)	170	"	250	67.9	70-130	Low Bias
tert-Butylbenzene	39.8	"	50.0	79.6	80-127	Low Bias
Tetrachloroethylene	28.9	"	50.0	57.8	80-129	Low Bias
Toluene	42.6	"	50.0	85.2	85-121	
trans-1,2-Dichloroethylene	41.0	"	50.0	81.9	72-132	
trans-1,3-Dichloropropylene	44.7	"	50.0	89.4	78-132	
Trichloroethylene	40.0	"	50.0	80.1	84-123	Low Bias
Trichlorofluoromethane	36.6	"	50.0	73.3	62-140	
Vinyl acetate	45.0	"	50.0	90.1	67-136	
Vinyl Chloride	47.4	"	50.0	94.7	52-130	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	46.8	"	50.0	93.6	77-125	
<i>Surrogate: SURR: Toluene-d8</i>	49.5	"	50.0	99.1	85-120	
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	52.8	"	50.0	106	76-130	

Prepared & Analyzed: 05/18/2021						
1,1,1,2-Tetrachloroethane	40.8	ug/L	50.0	81.7	75-129	2.13 30
1,1,1-Trichloroethane	35.7	"	50.0	71.3	71-137	1.81 30
1,1,2,2-Tetrachloroethane	46.1	"	50.0	92.2	79-129	3.01 30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.1	"	50.0	70.1	58-146	2.56 30
1,1,2-Trichloroethane	43.5	"	50.0	87.0	83-123	2.79 30
1,1-Dichloroethane	38.8	"	50.0	77.7	75-130	2.16 30
1,1-Dichloroethylene	36.3	"	50.0	72.6	64-137	2.58 30
1,1-Dichloropropylene	36.9	"	50.0	73.9	77-127	Low Bias 1.74 30
1,2,3-Trichlorobenzene	39.4	"	50.0	78.7	81-140	Low Bias 0.254 30
1,2,3-Trichloropropane	41.6	"	50.0	83.3	81-126	2.54 30
1,2,4-Trichlorobenzene	41.4	"	50.0	82.8	80-141	0.746 30
1,2,4-Trimethylbenzene	43.9	"	50.0	87.7	84-125	1.72 30
1,2-Dibromo-3-chloropropane	39.7	"	50.0	79.3	74-142	8.71 30
1,2-Dibromoethane	42.6	"	50.0	85.3	86-123	Low Bias 2.71 30
1,2-Dichlorobenzene	42.4	"	50.0	84.8	85-122	Low Bias 2.12 30
1,2-Dichloroethane	41.5	"	50.0	83.0	71-133	2.78 30
1,2-Dichloropropane	43.9	"	50.0	87.7	81-122	2.25 30
1,3,5-Trimethylbenzene	42.4	"	50.0	84.9	82-126	1.98 30
1,3-Dichlorobenzene	42.5	"	50.0	85.0	84-124	1.36 30
1,3-Dichloropropane	44.6	"	50.0	89.2	83-123	3.00 30
1,4-Dichlorobenzene	43.2	"	50.0	86.4	84-124	2.24 30
1,4-Dioxane	1190	"	1050	113	10-228	2.53 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 BE10869 - EPA 5035A

LCS Dup (BE10869-BSD1)	Prepared & Analyzed: 05/18/2021									
2,2-Dichloropropane	35.4		ug/L	50.0	70.9	67-136			1.76	30
2-Butanone	34.4		"	50.0	68.7	58-147			4.63	30
2-Chlorotoluene	43.0		"	50.0	86.0	78-127			2.59	30
2-Hexanone	43.9		"	50.0	87.8	70-139			3.65	30
4-Chlorotoluene	43.7		"	50.0	87.3	79-125			2.60	30
4-Methyl-2-pentanone	46.4		"	50.0	92.8	72-132			3.28	30
Acetone	27.0		"	50.0	54.1	36-155			3.38	30
Acrolein	55.8		"	50.0	112	10-238			7.22	30
Acrylonitrile	39.2		"	50.0	78.5	66-141			1.49	30
Benzene	40.9		"	50.0	81.9	77-127			2.03	30
Bromobenzene	45.8		"	50.0	91.7	77-129			2.61	30
Bromo(chloromethane	44.2		"	50.0	88.4	74-129			1.97	30
Bromodichloromethane	43.8		"	50.0	87.6	81-124			2.35	30
Bromoform	36.8		"	50.0	73.5	80-136	Low Bias		3.05	30
Bromomethane	37.1		"	50.0	74.2	32-177			5.61	30
Carbon disulfide	37.1		"	50.0	74.2	10-136			2.74	30
Carbon tetrachloride	33.4		"	50.0	66.8	66-143			1.60	30
Chlorobenzene	40.7		"	50.0	81.4	86-120	Low Bias		2.45	30
Chloroethane	44.5		"	50.0	89.1	51-142			4.76	30
Chloroform	39.8		"	50.0	79.6	76-131			1.64	30
Chloromethane	49.4		"	50.0	98.9	49-132			3.89	30
cis-1,2-Dichloroethylene	40.3		"	50.0	80.6	74-132			2.11	30
cis-1,3-Dichloropropylene	44.7		"	50.0	89.3	81-129			2.17	30
Cyclohexane	39.2		"	50.0	78.4	70-130			1.54	30
Dibromo(chloromethane	43.3		"	50.0	86.6	10-200			2.96	30
Dibromomethane	42.6		"	50.0	85.1	83-124			2.09	30
Dichlorodifluoromethane	49.8		"	50.0	99.5	28-158			6.21	30
Ethyl Benzene	42.2		"	50.0	84.4	84-125			1.72	30
Hexachlorobutadiene	34.0		"	50.0	68.1	83-133	Low Bias		0.644	30
Isopropylbenzene	40.0		"	50.0	80.1	81-127	Low Bias		2.22	30
Methyl acetate	38.8		"	50.0	77.7	41-143			2.19	30
Methyl tert-butyl ether (MTBE)	42.7		"	50.0	85.4	74-131			2.04	30
Methylcyclohexane	38.3		"	50.0	76.7	70-130			1.78	30
Methylene chloride	41.8		"	50.0	83.7	57-141			6.86	30
n-Butylbenzene	42.9		"	50.0	85.8	80-130			6.01	30
n-Propylbenzene	41.5		"	50.0	83.1	74-136			2.26	30
o-Xylene	43.6		"	50.0	87.2	83-123			1.91	30
p- & m- Xylenes	84.4		"	100	84.4	82-128			1.65	30
p-Isopropyltoluene	40.9		"	50.0	81.7	85-125	Low Bias		2.15	30
sec-Butylbenzene	42.5		"	50.0	85.0	83-125			2.14	30
Styrene	46.8		"	50.0	93.6	86-126			2.16	30
tert-Butyl alcohol (TBA)	166		"	250	66.3	70-130	Low Bias		2.34	30
tert-Butylbenzene	39.0		"	50.0	78.1	80-127	Low Bias		1.90	30
Tetrachloroethylene	28.5		"	50.0	57.1	80-129	Low Bias		1.25	30
Toluene	41.9		"	50.0	83.8	85-121	Low Bias		1.61	30
trans-1,2-Dichloroethylene	40.0		"	50.0	79.9	72-132			2.47	30
trans-1,3-Dichloropropylene	43.8		"	50.0	87.6	78-132			2.08	30
Trichloroethylene	39.5		"	50.0	79.0	84-123	Low Bias		1.41	30
Trichlorofluoromethane	35.2		"	50.0	70.4	62-140			4.06	30
Vinyl acetate	44.6		"	50.0	89.3	67-136			0.914	30
Vinyl Chloride	44.4		"	50.0	88.8	52-130			6.52	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	RPD Flag
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Batch BE10869 - EPA 5035A

LCS Dup (BE10869-BSD1)	Prepared & Analyzed: 05/18/2021						
Surrogate: SURR: 1,2-Dichloroethane-d4	46.3		ug/L	50.0	92.6	77-125	
Surrogate: SURR: Toluene-d8	49.4		"	50.0	98.7	85-120	
Surrogate: SURR: p-Bromofluorobenzene	52.6		"	50.0	105	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 BE10860 - EPA 3546 SVOA

Blank (BE10860-BLK1)

Prepared & Analyzed: 05/18/2021

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



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 BE10860 - EPA 3546 SVOA

Blank (BE10860-BLK1)

Prepared & Analyzed: 05/18/2021

Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrone	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
<i>Surrogate: SURR: 2-Fluorophenol</i>	1.78	"	1.66		107	20-108					
<i>Surrogate: SURR: Phenol-d5</i>	1.74	"	1.66		105	23-114					
<i>Surrogate: SURR: Nitrobenzene-d5</i>	0.966	"	0.831		116	22-108					
<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	1.04	"	0.831		125	21-113					
<i>Surrogate: SURR: 2,4,6-Tribromophenol</i>	3.28	"	1.66		198	19-110					
<i>Surrogate: SURR: Terphenyl-d14</i>	1.47	"	0.831		177	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	RPD Limit	RPD Flag
Batch BE10860 - EPA 3546 SVOA											
LCS (BE10860-BS1)											
Prepared & Analyzed: 05/18/2021											
1,1-Biphenyl	0.881	0.0416	mg/kg wet	0.831		106	18-111				
1,2,4,5-Tetrachlorobenzene	1.01	0.0830	"	0.831		121	21-131				
1,2,4-Trichlorobenzene	1.15	0.0416	"	0.831		138	10-140				
1,2-Dichlorobenzene	0.862	0.0416	"	0.831		104	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.700	0.0416	"	0.831		84.3	17-137				
1,3-Dichlorobenzene	0.871	0.0416	"	0.831		105	33-110				
1,4-Dichlorobenzene	0.849	0.0416	"	0.831		102	32-104				
2,3,4,6-Tetrachlorophenol	1.02	0.0830	"	0.831		123	30-130				
2,4,5-Trichlorophenol	1.11	0.0416	"	0.831		134	27-118	High Bias			
2,4,6-Trichlorophenol	1.23	0.0416	"	0.831		148	31-120	High Bias			
2,4-Dichlorophenol	1.17	0.0416	"	0.831		141	20-127	High Bias			
2,4-Dimethylphenol	0.993	0.0416	"	0.831		120	14-132				
2,4-Dinitrophenol	0.670	0.0830	"	0.831		80.6	10-171				
2,4-Dinitrotoluene	1.29	0.0416	"	0.831		156	34-131	High Bias			
2,6-Dinitrotoluene	1.28	0.0416	"	0.831		154	31-128	High Bias			
2-Chloronaphthalene	0.952	0.0416	"	0.831		115	31-117				
2-Chlorophenol	0.854	0.0416	"	0.831		103	33-113				
2-Methylnaphthalene	1.11	0.0416	"	0.831		133	12-138				
2-Methylphenol	0.819	0.0416	"	0.831		98.6	10-136				
2-Nitroaniline	1.17	0.0830	"	0.831		141	27-132	High Bias			
2-Nitrophenol	1.20	0.0416	"	0.831		144	17-129	High Bias			
3- & 4-Methylphenols	0.718	0.0416	"	0.831		86.4	29-103				
3,3-Dichlorobenzidine	0.333	0.0416	"	0.831		40.1	22-149				
3-Nitroaniline	0.987	0.0830	"	0.831		119	20-133				
4,6-Dinitro-2-methylphenol	1.18	0.0830	"	0.831		142	10-143				
4-Bromophenyl phenyl ether	1.10	0.0416	"	0.831		132	29-120	High Bias			
4-Chloro-3-methylphenol	0.940	0.0416	"	0.831		113	24-129				
4-Chloroaniline	0.630	0.0416	"	0.831		75.9	10-132				
4-Chlorophenyl phenyl ether	1.07	0.0416	"	0.831		129	27-124	High Bias			
4-Nitroaniline	1.08	0.0830	"	0.831		130	16-128	High Bias			
4-Nitrophenol	1.00	0.0830	"	0.831		121	10-141				
Acenaphthene	0.925	0.0416	"	0.831		111	30-121				
Acenaphthylene	0.948	0.0416	"	0.831		114	30-115				
Acetophenone	0.751	0.0416	"	0.831		90.4	20-112				
Aniline	0.668	0.166	"	0.831		80.4	10-119				
Anthracene	0.963	0.0416	"	0.831		116	34-118				
Atrazine	0.986	0.0416	"	0.831		119	26-112	High Bias			
Benzaldehyde	0.876	0.0416	"	0.831		106	21-100	High Bias			
Benzo(a)anthracene	1.01	0.0416	"	0.831		121	32-122				
Benzo(a)pyrene	1.12	0.0416	"	0.831		135	29-133	High Bias			
Benzo(b)fluoranthene	1.07	0.0416	"	0.831		128	25-133				
Benzo(g,h,i)perylene	1.21	0.0416	"	0.831		145	10-143	High Bias			
Benzo(k)fluoranthene	1.04	0.0416	"	0.831		125	25-128				
Benzoic acid	0.722	0.0416	"	0.831		86.9	10-140				
Benzyl alcohol	0.849	0.0416	"	0.831		102	30-115				
Benzyl butyl phthalate	0.815	0.0416	"	0.831		98.1	26-126				
Bis(2-chloroethoxy)methane	0.825	0.0416	"	0.831		99.4	19-132				
Bis(2-chloroethyl)ether	1.80	0.0416	"	0.831		217	19-125	High Bias			
Bis(2-chloroisopropyl)ether	0.694	0.0416	"	0.831		83.6	20-135				
Bis(2-ethylhexyl)phthalate	0.832	0.0416	"	0.831		100	10-155				
Caprolactam	1.05	0.0830	"	0.831		126	10-127				



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	RPD Limit	Flag
Batch BE10860 - EPA 3546 SVOA											
LCS (BE10860-BS1)											
Prepared & Analyzed: 05/18/2021											
Carbazole	0.967	0.0416	mg/kg wet	0.831		116	35-123				
Chrysene	1.05	0.0416	"	0.831		127	32-123	High Bias			
Dibenz(a,h)anthracene	1.20	0.0416	"	0.831		145	10-136	High Bias			
Dibenzofuran	1.02	0.0416	"	0.831		123	29-121	High Bias			
Diethyl phthalate	0.897	0.0416	"	0.831		108	34-116				
Dimethyl phthalate	0.922	0.0416	"	0.831		111	35-124				
Di-n-butyl phthalate	0.836	0.0416	"	0.831		101	31-116				
Di-n-octyl phthalate	0.910	0.0416	"	0.831		110	26-136				
Fluoranthene	1.05	0.0416	"	0.831		126	33-122	High Bias			
Fluorene	1.00	0.0416	"	0.831		121	29-123				
Hexachlorobenzene	0.752	0.0416	"	0.831		90.6	21-124				
Hexachlorobutadiene	1.18	0.0416	"	0.831		143	10-149				
Hexachlorocyclopentadiene	0.768	0.0416	"	0.831		92.5	10-129				
Hexachloroethane	0.805	0.0416	"	0.831		96.9	28-108				
Indeno(1,2,3-cd)pyrene	1.17	0.0416	"	0.831		140	10-135	High Bias			
Isophorone	0.827	0.0416	"	0.831		99.6	20-132				
Naphthalene	0.958	0.0416	"	0.831		115	23-124				
Nitrobenzene	0.872	0.0416	"	0.831		105	13-132				
N-Nitrosodimethylamine	0.642	0.0416	"	0.831		77.3	11-129				
N-nitroso-di-n-propylamine	0.698	0.0416	"	0.831		84.0	24-119				
N-Nitrosodiphenylamine	1.09	0.0416	"	0.831		131	22-152				
Pentachlorophenol	0.696	0.0416	"	0.831		83.8	10-139				
Phenanthrene	0.927	0.0416	"	0.831		112	33-123				
Phenol	0.842	0.0416	"	0.831		101	23-115				
Pyrene	0.975	0.0416	"	0.831		117	24-130				
Pyridine	0.532	0.166	"	0.831		64.1	10-91				
Surrogate: SURR: 2-Fluorophenol	1.70		"	1.66		102	20-108				
Surrogate: SURR: Phenol-d5	1.65		"	1.66		99.5	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.946		"	0.831		114	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	1.01		"	0.831		122	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	3.15		"	1.66		189	19-110				
Surrogate: SURR: Terphenyl-d14	1.35		"	0.831		163	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
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Batch BE10860 - EPA 3546 SVOA

Matrix Spike (BE10860-MS1)	*Source sample: 21E0733-01 (Matrix Spike)						Prepared: 05/18/2021 Analyzed: 05/19/2021				
1,1-Biphenyl	0.698	0.0832	mg/kg dry	0.831	ND	84.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.833	0.166	"	0.831	ND	100	10-133				
1,2,4-Trichlorobenzene	0.902	0.0832	"	0.831	ND	109	10-127				
1,2-Dichlorobenzene	0.691	0.0832	"	0.831	ND	83.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.633	0.0832	"	0.831	ND	76.2	10-144				
1,3-Dichlorobenzene	0.703	0.0832	"	0.831	ND	84.6	11-111				
1,4-Dichlorobenzene	0.707	0.0832	"	0.831	ND	85.0	10-106				
2,3,4,6-Tetrachlorophenol	0.809	0.166	"	0.831	ND	97.4	30-130				
2,4,5-Trichlorophenol	0.886	0.0832	"	0.831	ND	107	10-127				
2,4,6-Trichlorophenol	0.975	0.0832	"	0.831	ND	117	10-132				
2,4-Dichlorophenol	0.927	0.0832	"	0.831	ND	112	10-128				
2,4-Dimethylphenol	0.751	0.0832	"	0.831	ND	90.4	10-137				
2,4-Dinitrophenol	0.164	0.166	"	0.831	ND	19.8	10-171				
2,4-Dinitrotoluene	0.913	0.0832	"	0.831	ND	110	16-135				
2,6-Dinitrotoluene	0.943	0.0832	"	0.831	ND	113	18-131				
2-Chloronaphthalene	0.786	0.0832	"	0.831	ND	94.6	10-129				
2-Chlorophenol	0.703	0.0832	"	0.831	ND	84.6	15-116				
2-Methylnaphthalene	0.894	0.0832	"	0.831	ND	108	10-147				
2-Methylphenol	0.663	0.0832	"	0.831	ND	79.8	10-136				
2-Nitroaniline	0.870	0.166	"	0.831	ND	105	10-137				
2-Nitrophenol	0.930	0.0832	"	0.831	ND	112	10-129				
3- & 4-Methylphenols	0.602	0.0832	"	0.831	ND	72.5	10-123				
3,3-Dichlorobenzidine	0.305	0.0832	"	0.831	ND	36.6	10-155				
3-Nitroaniline	0.773	0.166	"	0.831	ND	93.0	12-133				
4,6-Dinitro-2-methylphenol	0.712	0.166	"	0.831	ND	85.7	10-155				
4-Bromophenyl phenyl ether	0.990	0.0832	"	0.831	ND	119	14-128				
4-Chloro-3-methylphenol	0.727	0.0832	"	0.831	ND	87.5	10-134				
4-Chloroaniline	0.644	0.0832	"	0.831	ND	77.4	10-145				
4-Chlorophenyl phenyl ether	0.855	0.0832	"	0.831	ND	103	14-130				
4-Nitroaniline	0.726	0.166	"	0.831	ND	87.4	10-147				
4-Nitrophenol	0.729	0.166	"	0.831	ND	87.8	10-137				
Acenaphthene	0.732	0.0832	"	0.831	ND	88.1	10-146				
Acenaphthylene	0.735	0.0832	"	0.831	ND	88.4	10-134				
Acetophenone	0.600	0.0832	"	0.831	ND	72.2	10-116				
Aniline	0.489	0.333	"	0.831	ND	58.9	10-123				
Anthracene	0.809	0.0832	"	0.831	ND	97.4	10-142				
Atrazine	0.986	0.0832	"	0.831	ND	119	19-115	High Bias			
Benzaldehyde	0.721	0.0832	"	0.831	ND	86.8	10-125				
Benzo(a)anthracene	0.825	0.0832	"	0.831	ND	99.2	10-158				
Benzo(a)pyrene	0.997	0.0832	"	0.831	ND	120	10-180				
Benzo(b)fluoranthene	0.942	0.0832	"	0.831	ND	113	10-200				
Benzo(g,h,i)perylene	1.06	0.0832	"	0.831	ND	127	10-138				
Benzo(k)fluoranthene	0.928	0.0832	"	0.831	ND	112	10-197				
Benzoic acid	0.195	0.0832	"	0.831	ND	23.4	10-166				
Benzyl alcohol	0.552	0.0832	"	0.831	ND	66.4	12-124				
Benzyl butyl phthalate	0.678	0.0832	"	0.831	ND	81.5	10-154				
Bis(2-chloroethoxy)methane	0.666	0.0832	"	0.831	ND	80.1	10-132				
Bis(2-chloroethyl)ether	1.37	0.0832	"	0.831	ND	165	10-119	High Bias			
Bis(2-chloroisopropyl)ether	0.547	0.0832	"	0.831	ND	65.8	10-139				
Bis(2-ethylhexyl)phthalate	0.726	0.0832	"	0.831	ND	87.4	10-167				
Caprolactam	0.766	0.166	"	0.831	ND	92.2	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10860 - EPA 3546 SVOA											
Matrix Spike (BE10860-MS1)	*Source sample: 21E0733-01 (Matrix Spike)									Prepared: 05/18/2021 Analyzed: 05/19/2021	
Carbazole	0.805	0.0832	mg/kg dry	0.831	ND	96.8	10-167				
Chrysene	0.860	0.0832	"	0.831	ND	104	10-156				
Dibenz(a,h)anthracene	1.03	0.0832	"	0.831	ND	123	10-137				
Dibenzofuran	0.795	0.0832	"	0.831	ND	95.6	10-147				
Diethyl phthalate	0.719	0.0832	"	0.831	ND	86.5	20-120				
Dimethyl phthalate	0.726	0.0832	"	0.831	ND	87.4	18-131				
Di-n-butyl phthalate	0.755	0.0832	"	0.831	ND	90.9	10-137				
Di-n-octyl phthalate	0.772	0.0832	"	0.831	ND	92.9	10-180				
Fluoranthene	0.900	0.0832	"	0.831	0.0437	103	10-160				
Fluorene	0.818	0.0832	"	0.831	ND	98.4	10-157				
Hexachlorobenzene	0.692	0.0832	"	0.831	ND	83.3	10-137				
Hexachlorobutadiene	0.962	0.0832	"	0.831	ND	116	10-132				
Hexachlorocyclopentadiene	0.670	0.0832	"	0.831	ND	80.6	10-106				
Hexachloroethane	0.634	0.0832	"	0.831	ND	76.2	10-110				
Indeno(1,2,3-cd)pyrene	0.991	0.0832	"	0.831	ND	119	10-144				
Isophorone	0.642	0.0832	"	0.831	ND	77.3	10-132				
Naphthalene	0.760	0.0832	"	0.831	ND	91.4	10-141				
Nitrobenzene	0.646	0.0832	"	0.831	ND	77.7	10-131				
N-Nitrosodimethylamine	0.499	0.0832	"	0.831	ND	60.0	10-126				
N-nitroso-di-n-propylamine	0.578	0.0832	"	0.831	ND	69.6	10-125				
N-Nitrosodiphenylamine	0.948	0.0832	"	0.831	ND	114	10-177				
Pentachlorophenol	0.346	0.0832	"	0.831	ND	41.6	10-153				
Phenanthrene	1.10	0.0832	"	0.831	0.236	104	10-148				
Phenol	0.646	0.0832	"	0.831	ND	77.7	10-126				
Pyrene	0.902	0.0832	"	0.831	0.0987	96.6	10-165				
Pyridine	0.276	0.333	"	0.831	ND	33.2	10-83				
Surrogate: SURR: 2-Fluorophenol	1.31		"	1.66		78.9	20-108				
Surrogate: SURR: Phenol-d5	1.31		"	1.66		78.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.726		"	0.831		87.4	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.817		"	0.831		98.3	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.74		"	1.66		165	19-110				
Surrogate: SURR: Terphenyl-d14	1.13		"	0.831		136	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
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Batch BE10860 - EPA 3546 SVOA

Matrix Spike Dup (BE10860-MSD1)	*Source sample: 21E0733-01 (Matrix Spike Dup)							Prepared: 05/18/2021 Analyzed: 05/19/2021			
1,1-Biphenyl	0.756	0.0832	mg/kg dry	0.831	ND	91.0	10-130		7.96	30	
1,2,4,5-Tetrachlorobenzene	0.863	0.166	"	0.831	ND	104	10-133		3.53	30	
1,2,4-Trichlorobenzene	0.975	0.0832	"	0.831	ND	117	10-127		7.72	30	
1,2-Dichlorobenzene	0.754	0.0832	"	0.831	ND	90.7	14-111		8.74	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.655	0.0832	"	0.831	ND	78.8	10-144		3.41	30	
1,3-Dichlorobenzene	0.705	0.0832	"	0.831	ND	84.9	11-111		0.378	30	
1,4-Dichlorobenzene	0.716	0.0832	"	0.831	ND	86.2	10-106		1.31	30	
2,3,4,6-Tetrachlorophenol	0.803	0.166	"	0.831	ND	96.6	30-130		0.825	30	
2,4,5-Trichlorophenol	0.972	0.0832	"	0.831	ND	117	10-127		9.31	30	
2,4,6-Trichlorophenol	1.07	0.0832	"	0.831	ND	129	10-132		9.48	30	
2,4-Dichlorophenol	0.921	0.0832	"	0.831	ND	111	10-128		0.648	30	
2,4-Dimethylphenol	0.727	0.0832	"	0.831	ND	87.4	10-137		3.33	30	
2,4-Dinitrophenol	0.206	0.166	"	0.831	ND	24.8	10-171		22.6	30	
2,4-Dinitrotoluene	1.02	0.0832	"	0.831	ND	123	16-135		11.3	30	
2,6-Dinitrotoluene	1.01	0.0832	"	0.831	ND	121	18-131		6.42	30	
2-Chloronaphthalene	0.827	0.0832	"	0.831	ND	99.5	10-129		5.11	30	
2-Chlorophenol	0.758	0.0832	"	0.831	ND	91.2	15-116		7.56	30	
2-Methylnaphthalene	0.940	0.0832	"	0.831	ND	113	10-147		4.93	30	
2-Methylphenol	0.676	0.0832	"	0.831	ND	81.3	10-136		1.89	30	
2-Nitroaniline	0.927	0.166	"	0.831	ND	112	10-137		6.37	30	
2-Nitrophenol	1.03	0.0832	"	0.831	ND	124	10-129		10.6	30	
3- & 4-Methylphenols	0.640	0.0832	"	0.831	ND	77.0	10-123		6.00	30	
3,3-Dichlorobenzidine	0.337	0.0832	"	0.831	ND	40.6	10-155		10.2	30	
3-Nitroaniline	0.846	0.166	"	0.831	ND	102	12-133		8.95	30	
4,6-Dinitro-2-methylphenol	0.751	0.166	"	0.831	ND	90.4	10-155		5.36	30	
4-Bromophenyl phenyl ether	1.02	0.0832	"	0.831	ND	123	14-128		3.11	30	
4-Chloro-3-methylphenol	0.748	0.0832	"	0.831	ND	90.0	10-134		2.79	30	
4-Chloroaniline	0.671	0.0832	"	0.831	ND	80.7	10-145		4.15	30	
4-Chlorophenyl phenyl ether	0.916	0.0832	"	0.831	ND	110	14-130		6.83	30	
4-Nitroaniline	0.852	0.166	"	0.831	ND	102	10-147		15.9	30	
4-Nitrophenol	0.775	0.166	"	0.831	ND	93.2	10-137		6.01	30	
Acenaphthene	0.761	0.0832	"	0.831	ND	91.5	10-146		3.83	30	
Acenaphthylene	0.789	0.0832	"	0.831	ND	94.9	10-134		7.07	30	
Acetophenone	0.655	0.0832	"	0.831	ND	78.8	10-116		8.80	30	
Aniline	0.525	0.333	"	0.831	ND	63.2	10-123		7.08	30	
Anthracene	0.862	0.0832	"	0.831	ND	104	10-142		6.29	30	
Atrazine	1.02	0.0832	"	0.831	ND	123	19-115	High Bias	3.58	30	
Benzaldehyde	0.731	0.0832	"	0.831	ND	88.0	10-125		1.37	30	
Benzo(a)anthracene	0.885	0.0832	"	0.831	ND	106	10-158		7.08	30	
Benzo(a)pyrene	1.05	0.0832	"	0.831	ND	127	10-180		5.45	30	
Benzo(b)fluoranthene	0.985	0.0832	"	0.831	ND	119	10-200		4.55	30	
Benzo(g,h,i)perylene	1.09	0.0832	"	0.831	ND	132	10-138		3.28	30	
Benzo(k)fluoranthene	0.975	0.0832	"	0.831	ND	117	10-197		4.96	30	
Benzoic acid	0.251	0.0832	"	0.831	ND	30.2	10-166		25.1	30	
Benzyl alcohol	0.606	0.0832	"	0.831	ND	73.0	12-124		9.41	30	
Benzyl butyl phthalate	0.741	0.0832	"	0.831	ND	89.1	10-154		8.91	30	
Bis(2-chloroethoxy)methane	0.698	0.0832	"	0.831	ND	83.9	10-132		4.68	30	
Bis(2-chloroethyl)ether	1.48	0.0832	"	0.831	ND	178	10-119	High Bias	7.83	30	
Bis(2-chloroisopropyl)ether	0.585	0.0832	"	0.831	ND	70.4	10-139		6.82	30	
Bis(2-ethylhexyl)phthalate	0.771	0.0832	"	0.831	ND	92.8	10-167		6.04	30	
Caprolactam	0.805	0.166	"	0.831	ND	96.8	10-132		4.91	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE10860 - EPA 3546 SVOA

Matrix Spike Dup (BE10860-MSD1)	*Source sample: 21E0733-01 (Matrix Spike Dup)						Prepared: 05/18/2021 Analyzed: 05/19/2021				
Carbazole	0.867	0.0832	mg/kg dry	0.831	ND	104	10-167		7.48	30	
Chrysene	0.925	0.0832	"	0.831	ND	111	10-156		7.23	30	
Dibenz(a,h)anthracene	1.07	0.0832	"	0.831	ND	129	10-137		4.19	30	
Dibenzofuran	0.863	0.0832	"	0.831	ND	104	10-147		8.26	30	
Diethyl phthalate	0.750	0.0832	"	0.831	ND	90.2	20-120		4.26	30	
Dimethyl phthalate	0.787	0.0832	"	0.831	ND	94.6	18-131		8.00	30	
Di-n-butyl phthalate	0.801	0.0832	"	0.831	ND	96.3	10-137		5.81	30	
Di-n-octyl phthalate	0.836	0.0832	"	0.831	ND	101	10-180		7.94	30	
Fluoranthene	0.980	0.0832	"	0.831	0.0437	113	10-160		8.49	30	
Fluorene	0.854	0.0832	"	0.831	ND	103	10-157		4.37	30	
Hexachlorobenzene	0.745	0.0832	"	0.831	ND	89.6	10-137		7.31	30	
Hexachlorobutadiene	1.03	0.0832	"	0.831	ND	124	10-132		7.26	30	
Hexachlorocyclopentadiene	0.734	0.0832	"	0.831	ND	88.3	10-106		9.19	30	
Hexachloroethane	0.655	0.0832	"	0.831	ND	78.8	10-110		3.30	30	
Indeno(1,2,3-cd)pyrene	1.04	0.0832	"	0.831	ND	125	10-144		4.85	30	
Isophorone	0.679	0.0832	"	0.831	ND	81.7	10-132		5.54	30	
Naphthalene	0.808	0.0832	"	0.831	ND	97.2	10-141		6.11	30	
Nitrobenzene	0.700	0.0832	"	0.831	ND	84.2	10-131		8.10	30	
N-Nitrosodimethylamine	0.520	0.0832	"	0.831	ND	62.6	10-126		4.18	30	
N-nitroso-di-n-propylamine	0.616	0.0832	"	0.831	ND	74.1	10-125		6.24	30	
N-Nitrosodiphenylamine	1.00	0.0832	"	0.831	ND	121	10-177		5.86	30	
Pentachlorophenol	0.313	0.0832	"	0.831	ND	37.7	10-153		9.89	30	
Phenanthrene	1.23	0.0832	"	0.831	0.236	119	10-148		10.6	30	
Phenol	0.709	0.0832	"	0.831	ND	85.4	10-126		9.42	30	
Pyrene	1.01	0.0832	"	0.831	0.0987	110	10-165		11.8	30	
Pyridine	0.280	0.333	"	0.831	ND	33.7	10-83		1.44	30	
Surrogate: SURR: 2-Fluorophenol	1.33		"	1.66		79.7	20-108				
Surrogate: SURR: Phenol-d5	1.36		"	1.66		81.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.744		"	0.831		89.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.854		"	0.831		103	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2.83		"	1.66		170	19-110				
Surrogate: SURR: Terphenyl-d14	1.23		"	0.831		147	24-116				



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	RPD Limit	RPD Flag
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Batch BE10921 - EPA 3050B

Blank (BE10921-BLK1)

Prepared: 05/18/2021 Analyzed: 05/19/2021

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Duplicate (BE10921-DUP1)

*Source sample: 21E0725-01 (Duplicate)

Prepared: 05/18/2021 Analyzed: 05/19/2021

Aluminum	4700	5.20	mg/kg dry	3770		21.9	35
Antimony	ND	2.60	"	ND			35
Arsenic	ND	1.56	"	ND			35
Barium	34.8	2.60	"	35.7		2.49	35
Beryllium	ND	0.052	"	ND			35
Cadmium	ND	0.312	"	ND			35
Calcium	1070	5.20	"	948		12.2	35
Chromium	8.05	0.520	"	7.39		8.55	35
Cobalt	4.26	0.416	"	4.32		1.42	35
Copper	5.13	2.08	"	6.27		20.1	35
Iron	11300	26.0	"	10100		11.1	35
Lead	4.37	0.520	"	3.84		12.8	35
Magnesium	1820	5.20	"	1340		29.9	35
Manganese	280	0.520	"	277		1.00	35
Nickel	8.80	1.04	"	6.23		34.3	35
Potassium	1020	5.20	"	805		23.8	35
Selenium	ND	2.60	"	ND			35
Silver	ND	0.520	"	ND			35
Sodium	ND	52.0	"	ND			35
Thallium	ND	2.60	"	ND			35
Vanadium	11.2	1.04	"	11.6		3.30	35
Zinc	16.5	2.60	"	14.0		16.7	35



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD RPD	RPD Limit	RPD Flag
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Batch BE10921 - EPA 3050B

Matrix Spike (BE10921-MS1)	*Source sample: 21E0725-01 (Matrix Spike)						Prepared: 05/18/2021 Analyzed: 05/19/2021			
Aluminum	4190	5.20	mg/kg dry	208	3770	202	75-125	High Bias		
Antimony	11.2	2.60	"	26.0	ND	43.2	75-125	Low Bias		
Arsenic	211	1.56	"	208	ND	101	75-125			
Barium	263	2.60	"	208	35.7	109	75-125			
Beryllium	5.24	0.052	"	5.20	ND	101	75-125			
Cadmium	5.36	0.312	"	5.20	ND	103	75-125			
Calcium	1110	5.20	"	104	948	160	75-125	High Bias		
Chromium	28.3	0.520	"	20.8	7.39	100	75-125			
Cobalt	59.4	0.416	"	52.0	4.32	106	75-125			
Copper	30.5	2.08	"	26.0	6.27	93.1	75-125			
Iron	9760	26.0	"	104	10100	NR	75-125	Low Bias		
Lead	61.2	0.520	"	52.0	3.84	110	75-125			
Magnesium	1510	5.20	"	104	1340	163	75-125	High Bias		
Manganese	285	0.520	"	52.0	277	15.1	75-125	Low Bias		
Nickel	62.2	1.04	"	52.0	6.23	108	75-125			
Potassium	883	5.20	"	104	805	75.0	75-125			
Selenium	180	2.60	"	208	ND	86.6	75-125			
Silver	3.94	0.520	"	5.20	ND	75.9	75-125			
Sodium	135	52.0	"	104	ND	130	75-125	High Bias		
Thallium	212	2.60	"	208	ND	102	75-125			
Vanadium	62.3	1.04	"	52.0	11.6	97.6	75-125			
Zinc	66.3	2.60	"	52.0	14.0	101	75-125			

Post Spike (BE10921-PS1)	*Source sample: 21E0725-01 (Post Spike)						Prepared: 05/18/2021 Analyzed: 05/19/2021			
Aluminum	38.6	ug/mL	2.00	36.3	118	75-125				
Antimony	0.269	"	0.250	0.007	105	75-125				
Arsenic	2.00	"	2.00	-0.003	100	75-125				
Barium	2.42	"	2.00	0.343	104	75-125				
Beryllium	0.048	"	0.0500	-0.002	95.2	75-125				
Cadmium	0.051	"	0.0500	0.003	95.9	75-125				
Calcium	10.2	"	1.00	9.12	106	75-125				
Chromium	0.264	"	0.200	0.071	96.2	75-125				
Cobalt	0.567	"	0.500	0.042	105	75-125				
Copper	0.293	"	0.250	0.060	93.2	75-125				
Iron	98.5	"	1.00	97.6	87.0	75-125				
Lead	0.583	"	0.500	0.037	109	75-125				
Magnesium	14.0	"	1.00	12.9	105	75-125				
Manganese	3.06	"	0.500	2.67	79.0	75-125				
Nickel	0.591	"	0.500	0.060	106	75-125				
Potassium	9.10	"	1.00	7.74	136	75-125	High Bias			
Selenium	1.71	"	2.00	-0.069	85.5	75-125				
Silver	0.046	"	0.0500	-0.010	92.0	75-125				
Sodium	1.38	"	1.00	0.477	90.1	75-125				
Thallium	2.05	"	2.00	-0.017	103	75-125				
Vanadium	0.606	"	0.500	0.111	99.1	75-125				
Zinc	0.614	"	0.500	0.135	96.0	75-125				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE10921 - EPA 3050B

Reference (BE10921-SRM1)

Prepared: 05/18/2021 Analyzed: 05/19/2021

Aluminum	9410	5.00	mg/kg wet	8190	115	50.5-150.1					
Antimony	72.3	2.50	"	110	65.8	19-251.7					
Arsenic	162	1.50	"	162	99.9	70.1-129.8					
Barium	161	2.50	"	138	117	75-125					
Beryllium	185	0.050	"	157	118	75-125.2					
Cadmium	161	0.300	"	135	120	74.8-125.2					
Calcium	5220	5.00	"	4790	109	72.7-127.5					
Chromium	126	0.500	"	117	107	70.1-129.9					
Cobalt	112	0.400	"	92.6	121	75-125					
Copper	151	2.00	"	143	106	75.3-125.3					
Iron	13500	25.0	"	15100	89.7	35.8-164.6					
Lead	74.0	0.500	"	77.6	95.3	70-130					
Magnesium	2470	5.00	"	2320	106	61.7-137.8					
Manganese	399	0.500	"	319	125	78.1-122	High Bias				
Nickel	104	1.00	"	79.9	130	70.1-130.1					
Potassium	2280	5.00	"	2050	111	59.1-140.9					
Selenium	156	2.50	"	172	90.8	55.7-144.5					
Silver	22.8	0.500	"	24.7	92.3	69.2-130.8					
Sodium	129	50.0	"	137	93.8	36.1-163.3					
Thallium	96.1	2.50	"	88.0	109	65.3-146.8					
Vanadium	102	1.00	"	99.9	102	67-133.1					
Zinc	329	2.50	"	312	105	69.9-130.1					



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	RPD Limit	RPD Flag
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Batch BE10846 - EPA 7473 soil

Blank (BE10846-BLK1)							Prepared & Analyzed: 05/17/2021			
Mercury	ND	0.0300	mg/kg wet							
Duplicate (BE10846-DUP1) *Source sample: 21E0704-01 (Duplicate)										
Mercury	ND	0.0312	mg/kg dry		ND					35
Matrix Spike (BE10846-MS1) *Source sample: 21E0704-01 (Matrix Spike)										
Mercury	0.486		mg/kg	0.500	0.0175	93.6	75-125			
Reference (BE10846-SRM1)										
Mercury	25.857		mg/kg	27.2		95.1	59.9-140.1			

Batch BE10875 - EPA 7473 soil

Blank (BE10875-BLK1)							Prepared & Analyzed: 05/18/2021			
Mercury	ND	0.0300	mg/kg wet							
Duplicate (BE10875-DUP1) *Source sample: 21E0725-01 (Duplicate)										
Mercury	ND	0.0312	mg/kg dry		ND					35
Matrix Spike (BE10875-MS1) *Source sample: 21E0725-01 (Matrix Spike)										
Mercury	0.407		mg/kg	0.00500	0.00360	NR	75-125	High Bias		
Reference (BE10875-SRM1)										
Mercury	24.074		mg/kg	27.2		88.5	59.9-140.1			



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	RPD Limit	RPD Flag
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Batch BE10794 - % Solids Prep

Duplicate (BE10794-DUP1)	*Source sample: 21E0704-02 (Duplicate)						Prepared & Analyzed: 05/17/2021				
% Solids	97.7	0.100	%		97.4				0.319	20	

Batch BE10795 - % Solids Prep

Duplicate (BE10795-DUP1)	*Source sample: 21E0661-03 (Duplicate)						Prepared & Analyzed: 05/17/2021				
% Solids	92.4	0.100	%		96.3				4.11	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21E0656-01	SB001_0-2	40mL Vial with Stir Bar-Cool 4° C
21E0656-02	SB001_7-9	40mL Vial with Stir Bar-Cool 4° C
21E0656-03	SB002_0-2	40mL Vial with Stir Bar-Cool 4° C
21E0656-04	SB002_12-14	40mL Vial with Stir Bar-Cool 4° C
21E0656-05	SB003_0-2	40mL Vial with Stir Bar-Cool 4° C
21E0656-06	SB003_4-6	40mL Vial with Stir Bar-Cool 4° C
21E0656-07	SB004_0-2	40mL Vial with Stir Bar-Cool 4° C
21E0656-08	SB004_5-7	40mL Vial with Stir Bar-Cool 4° C
21E0656-09	SB005_0-2	40mL Vial with Stir Bar-Cool 4° C
21E0656-10	SB005_10.12	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-ICV	The recovery for this element in the ICV was outside the 95-105% Recovery criteria for EPA 200.7
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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).

Definitions and Other Explanations

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

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PhGC	Address: 650 Walnut Ave Bala Cynwyd, PA 19067	Address: Same as "Infc"	Phone: 631-529-6353	YOUR Project Name TOT21V2	RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day)
Contact: Jennifer Lewis	Contact: Jennifer Lewis	E-mail: [REDACTED]	E-mail: [REDACTED]	YOUR PO#: [REDACTED]	
				Report / EDD Type (circle selections)	YORK Reg. Comp.
				Summary Report QA Report NY ASP A Package NY ASP B Package	Standard Excel EDD EQuIS (Standard) NJDEP Reduced Deliverables NJDKCP Other:
				Analysis Requested	Container Description
				5/13/21 08:50	180217266
Sample Identification		Sample Matrix	Samples From	Date/Time Sampled	
SB001- 0-2		5	New York New Jersey Connecticut Pennsylvania Other	09:00	
SB001- 7-9				09:10	
SB002- 0-2				09:30	
SB002- 12-14				09:55	
SB003- 0-2				10:05	
SB003- 4-6				10:35	
SB004- 0-2				12:40	
SB004- 5-7				12:55	
SB005- 0-2				13:00	
SB005- 10-12				13:10	
Comments:					
Preservation: (check all that apply)					
HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other: _____					
Sample Reinquished by / Company	Date/Time	Samples Reinquished by / Company			
John PhGC	5/13/21	Kathy work			
Received by / Company	Date/Time	Samples Received by / Company			
Reinquished by / Company	Date/Time	Samples Received in LAB by			
Temp. Received at Lab	Date/Time	Temp. Received at Lab			