737 4TH AVENUE SITE
731-747 4TH AVENUE
BROOKLYN, NEW YORK
SITE #C224332

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT

SUBMITTED TO:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7016

PREPARED FOR:

737 4th Avenue, LLC
26 Harbor Park Drive
Port Washington, NY 11050

PREPARED BY:

P.W. Grosser Consulting, Inc.
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Phone: 631-589-6353

Jennifer Lewis, PG, Vice President JenniferL@pwgrosser.com
Joseph Pressler, Project Manager JPressler@pwgrosser.com

PWGC Project Number: TOT2202

NOVEMBER 2022

PWGC
CLIENT DRIVEN SOLUTIONS

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
731 TO 747 4th AVENUE, BROOKLYN, NEW YORK

TABLE OF CONTENTS **PAGE**

1.0 INTRODUCTION 1

2.0 SUBJECT PROPERTY DESCRIPTION AND HISTORY 2
2.1 Subject Property Description 2
2.2 Subject Property History 2
2.3 Regional Geology/Hydrogeology 2
2.4 Subject Property Geology/Hydrogeology 3
2.5 Subject Property Features 3
2.6 Future Subject Property Use 4
2.7 Previous Environmental Reports 4
2.7.1 737-747 4th Avenue (Former Lot 1) 5
2.7.2 731 4th Avenue (Former Lot 7) 6
2.7.3 731-737 4th Avenue (Full Site) 8

3.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGS) 12

4.0 REMEDIAL INVESTIGATION 13
4.1 Soil Quality 13
4.1.1 Sampling Protocol 14
4.1.2 Sample Analysis 15
4.1.3 Analytical Results 15
4.2 Discussion of Results 16
4.3 Community Air Monitoring and Reporting 17
4.4 Investigation Derived Waste 17

5.0 QUALITY ASSURANCE / QUALITY CONTROL 18
5.1 QA/QC Samples 18
5.2 Data Usability and Validation 19

6.0 CONCEPTUAL TRANSPORT MODEL 20
6.1 Surface Water 20
6.2 Fish and Wildlife Resources 20

7.0 QUALITATIVE HUMAN EXPOSURE ASSESSMENT 21
7.1 Contaminant Source 21
7.1.1 Contaminant Release and Transport 21
7.2 Points and Routes of Exposure 22
7.3 Characterization of Potential Receptor Populations 23
7.4 Qualitative Human Health Exposure Assessment Summary Table 23

8.0 CONCLUSIONS AND RECOMMENDATIONS 24

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

8.1 Supplemental Remedial Investigation 24
8.2 Recommendations 25

9.0 REFERENCES 27

FIGURES

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Soil Spider Diagram

TABLES

Table 1 Soil VOC Analytical Data
Table 2 Soil SVOC Analytical Data
Table 3 Soil Metal Analytical Data
Table 4 Soil PCB and Pesticide Analytical Data

APPENDICES

Appendix A PWGC Soil Boring Logs
Appendix B Laboratory Analytical Reports
Appendix C Daily Field Reports / CAMP Logs
Appendix D DUSR
Appendix E Fish and Wildlife Resources Impact Analysis Decision Key

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

PWGC
CLIENT DRIVEN SOLUTIONS

CERTIFICATION

I, Jennifer Lewis, PG, certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Supplemental Remedial Investigation Report (SRIR) was prepared in accordance with applicable statutes and regulations 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 (DER-10).

I certify that the information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

11/23/2022

Signature Date

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

1.0 INTRODUCTION

The Applicant, 737 4th Avenue, LLC, was accepted into the NYSDEC's Brownfield Cleanup Program (BCP) as a Volunteer as set forth in a Brownfield Cleanup Agreement (BCA), dated November 19, 2021, Site No. C224332. P.W. Grosser Consulting, Inc. (PWGC) has prepared the following Supplemental Remedial Investigation Report (SRIR) on behalf of the Applicant to document the results of the Supplemental Remedial Investigation (SRI) based upon the June 21, 2022 Supplemental Remedial Investigation Work Plan (SRIWP) approved by the NYSDEC on July 27, 2022. The purpose of the SRI was to delineate onsite contaminated soils throughout the site, confirm the likely bottom depth of the remedial excavations that will be proposed for the Remedial Action Work Plan (RAWP), facilitate the design of the support of excavation (SOE) elements required for remedial excavations to these depths, and delineate the source material around the RI boring SB007. In addition, the configuration of the proposed building has changed since the RIR was submitted to the NYSDEC due to utility hookup constraints on the northern side of the property where there are buried Con Edison transformer lines along 24th Street.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

2.0 SUBJECT PROPERTY DESCRIPTION AND HISTORY

2.1 Subject Property Description

The subject property consists of one parcel located at 731 to 747 Atlantic Avenue in the Greenwood Heights neighborhood of Brooklyn, New York. The subject property is located in the Borough of Brooklyn and Kings County. The subject property is identified in the New York City Tax Map as Block 652, Lot 1. The subject consisted of two tax lots and was recently merged; the new lot will be referred to as Lot 1 and the former lots will be referred to as Former Lot 1 and Former Lot 7.

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

2.2 Subject Property History

Historical usage of the subject property includes the following:

- 731 4th Ave (Former Lot 7) was first developed prior to 1888, used for residential purposes from at least 1888 to 1906, and for commercial/industrial purposes from 1906 to the present. Historical usage of the subject property indicative of potential recognized environmental conditions (RECs) includes usage as a junk yard, metal manufacturer, and an auto repair shop.
- 737 4th Ave (Former Lot 1) was first developed between 1906 and 1926, used as an auto garage and filling station for almost eight decades, and was redeveloped into a Dunkin Donuts around 2004. Historical usage of the subject property indicative of potential RECs includes usage as an auto body garage and filling station.

2.3 Regional Geology/Hydrogeology

The geologic setting of Long Island is well documented and consists of crystalline bedrock composed of schist and gneiss overlain by layers of unconsolidated deposits. Immediately overlying the bedrock is the Raritan Formation, consisting of the Lloyd sand confined by the Raritan Clay Member. The Lloyd sand is an aquifer and consists of discontinuous layers of gravel, sand, sandy and silty clay, and solid clay. The Raritan Clay is a solid and silty clay with few lenses of sand and gravel; abundant lignite and pyrite; and gray, red or white in color.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Above the Raritan Clay lies the Magothy Formation. The Magothy Aquifer consists of layers of fine to coarse sand of moderate to high permeability, with inter-bedded lenses of silt and clay of low permeability resulting in areas of preferential horizontal flow. Therefore, this aquifer generally becomes more confined with depth. The Magothy Aquifer is overlain by the Upper Glacial Aquifer. The Upper Glacial Aquifer is the water table aquifer at this location and is comprised of medium to coarse sand and gravel with occasional thin lenses of fine sand and brown clay. This aquifer extends from the land surface to the top of the Magothy and, therefore, is hydraulically connected to the Magothy Aquifer.

2.4 Subject Property Geology/Hydrogeology

The subject property elevation ranges between approximately 32 feet and 42 feet above mean sea level with elevation increasing from the western corner (25th Street and 4th Avenue intersection) to the eastern corner (up 24th Street). The stratigraphy of the subject property, from the surface down, consists primarily of fill from grade ranging down to 2 to 10 feet below grade. The fill, including broken concrete and bricks, was underlain by native soils which primarily consisted of silt to fine-grained sands to at least 20 feet below grade. Groundwater was encountered at approximately 22 feet below grade in the southern section of the subject property and regional groundwater flow is anticipated to flow towards the northwest according to the United States Geological Survey (USGS) 2013 Groundwater Conditions on Long Island map. The presence of an adjacent subway line along 4th Avenue may impact the groundwater flow and depth to groundwater. Bedrock was not encountered. There are no public water supply wells within 1 mile of the subject property. Based on topographic maps, it appears the nearest permanent surface water body/wetland is the Gowanus Bay, located approximately ¼ mile west of the subject property.

2.5 Subject Property Features

The subject property is currently vacant and is improved as follows:

- 737 4th Avenue (Former Lot 1) measures approximately 15,017 square feet and is improved with a two-story frame commercial building (no longer in operation) measuring approximately 4,677 square feet and an asphalt paved parking lot. The building was most recently utilized as a Dunkin Donuts restaurant and is vacant.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

- 731 4th Avenue (Former Lot 7) measures approximately 5,017 square feet and is improved with two one-story concrete block buildings (no longer in operation) with footprints measuring 2,508 and 1,528 square feet and one two-story building with a footprint measuring 1,003 square feet. The buildings occupy the entire lot. The two-story building is occupied by an auto body shop that is still occupied. The retail building has two vacant units and a deli in the third unit that is still occupied.

2.6 Future Subject Property Use

The Applicant proposes to demolish the existing structures at the proposed development Site and construct a new 14-story mixed-use development. The building will occupy the entirety of the Site on the first floor. A partial cellar will be constructed that will occupy approximately 11,000 square feet, extending approximately 60 feet east and 185 feet north of the southwest property corner. As part of development, the referenced Lots (1 and 7) were merged into Lot 1.

2.7 Previous Environmental Reports

The subject property's environmental history is based upon the following reports that have been prepared for the subject property:

- 737-747 4th Avenue (Former Lot 1)
  - Phase I Environmental Site Assessment (ESA) – PWGC prepared March 2018; Updated August 2018
  - Phase II ESA – PWGC prepared August 2018
- 731-735 4th Avenue (Former Lot 7)
  - Phase I ESA – Middleton Environmental Inc. prepared April 2013
  - Phase I ESA – PWGC prepared January 2019; updated July 2019
  - Limited Phase II ESA – PWGC prepared March 2019
  - Phase II ESA – PWGC prepared July 2021
- 731-747 4th Avenue (Full Site)
  - Remedial Investigation Report – PWGC prepared May 2022 and revised August 2022

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Summaries of the reports are provided below.

2.7.1 737-747 4th Avenue (Former Lot 1)

2.7.1.1 Phase I Environmental Site Assessment (March 2018; Updated August 2018)

PWGC prepared a Phase I ESA for the 737-747 4th Avenue (former Lot 1). Conditions determined to be RECs are detailed below:

- The subject property was historically utilized as a gasoline service station and auto repair shop for approximately 8 decades. This long history of usage has resulted in the subject property's inclusion in several environmental databases (USTs, LTANKS, and Liens) and the installation of numerous monitoring wells throughout the subject property and surrounding areas related to an active spill being investigated and remediated by the NYSDEC.
- Several off-site properties have been identified 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, most notably in the form of spill #93-05122. Spill # 93-05122 was originally attributed to the subject property in part or in whole; however, further investigation by the NYSDEC identified a UST at the eastern neighboring site at 207 25th Street as the likely source of Spill #93-05122. Spill #93-05122 was closed and the further investigation and remediation of the spill beneath the subject property continued under spill #16-10374.
    - Remediation under Spill #93-05122 included the limited excavation of the tank pad area located on the northern side of Former Lot 1. Approximately eleven to fourteen 550-gallon USTs were removed, as well as 428 tons of petroleum contaminated soil. The excavation extended up to 11-feet below grade and is estimated to have been 700 sf.

2.7.1.2 Phase II Environmental Site Assessment (August 2018)

PWGC performed a Phase II ESA at 737-747 4th Avenue (Former Lot 1) between April and May 2018. The Phase II included:

- Drilling seven soil borings throughout the subject property.
- Screening soil for volatile organic compounds (VOCs) using a photoionization detector (PID).

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

- Collecting soil samples for laboratory analysis.
- Ten previously installed groundwater monitoring wells were gauged and sampled.

The findings of this investigation included:

- PID readings and olfactory observations indicated that impact was not observed in the vadose zone, but higher readings and stronger odors were obtained closer to the groundwater table.
- The highest PID readings were obtained at the groundwater table and in the borings closest to the upgradient side of the property.
- VOCs were detected at concentrations exceeding NYSDEC CP-51 Soil Cleanup Objectives (SCOs) in two of the soil borings, SB002 and SB004, which are located closest to 25th Street with the highest concentrations observed in SB004 (Total VOC concentration of 247.8 milligrams per kilogram [mg/kg]).
- Semi-volatile organic compound (SVOC) impact to soil was not identified.
- Light Non-Aqueous Phase Liquid (LNAPL) consisting of oil was observed in three of the groundwater monitoring wells located on the upgradient side of the property or on the adjacent sidewalk, measuring between 0.85 feet and 1.42 feet.
- Groundwater analytical results indicated that VOC impact to the groundwater is limited to the upgradient portion of the property and SVOC impact is observed site-wide at low-level concentrations exceeding the groundwater quality standard (GQS).

2.7.2 731 4th Avenue (Former Lot 7)

2.7.2.1 Phase I Environmental Site Assessment Report (April 2013)

Middleton Environmental Inc. (MEI) prepared a Phase I ESA for 731 4th Avenue in April 2013. The findings were as follows:

- No RECs were identified in connection with the subject property.
- The site reconnaissance, interviews and review of records did not find the presence or possible presence of hazardous substances or petroleum-related products that could indicate an existing

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

release, past release or significant threat of a release into structures on the property, into ground, groundwater or surface water.

2.7.2.2 Phase I Environmental Site Assessment Report (January 2019; updated July 2019)

PWGC prepared a Phase I ESA for the site in July 2019. PWGC identified the following RECs for the subject property:

- The subject property 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; therefore, the subject property's historical and current use was a REC.
- Several off-site properties were 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 was considered a REC.

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

PWGC conducted a Limited Phase II investigation for the subject property on February 24, 2019 to determine if a potential volatile organic source of contamination existed beneath the subject property. The purpose was to further evaluate RECs identified in a Phase I ESA by obtaining sound, scientifically valid data concerning actual property conditions.

As access to the property was not granted, the Limited Phase II ESA included the following task:

- Soil Vapor Quality Evaluation

As New York State has not developed standards or guidance levels for soil vapor concentrations, soil vapor samples were evaluated as a whole. The findings of the sub-slab vapor investigation were as follow:

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

- Multiple VOCs were detected in each soil vapor sample collected from the subject property. Petroleum related compounds, such as benzene, ethylbenzene, toluene, and/or xylenes were detected in each soil vapor sample at relatively low concentrations.
- Compounds for which NYSDOH has established soil vapor/indoor air decision matrices (carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene (TCE), methylene chloride, tetrachloroethene (PCE), 1,1,1-trichloroethane and vinyl chloride) were not detected at concentrations greater than the laboratory method detection limits (MDLs).

2.7.3 731-737 4th Avenue (Full Site)

2.7.3.1 Phase II Environmental Site Assessment Report (July 2021)

PWGC conducted a Phase II ESA for 731 to 737 4th Avenue on May 13, 2021 to evaluate soil conditions beneath the buildings. A total of five soil borings were conducted and ten soil samples collected. Samples were collected from 0 to 2 feet and from the apparent 2-foot interval of the bottom of the fill layer. The fill layer ranged between 5 and 10 feet below grade.

- There were no VOC exceedances of Unrestricted Use SCOs; however, PCE was detected in one of the soil samples in the vicinity of where the PCE detection was in the soil vapor samples collected in 2019.
- SVOC exceedances were identified in each of the 0 to 2 foot samples and in one of the deeper samples. 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 to 2 feet) and SB003 (4 to 6 feet) 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 eight 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

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

shallow 0 to 2 foot samples with the exception of the 4 to 6 foot sample from SB003 which also contained Restricted Residential SCOs. Other compounds detected included cadmium, copper, nickel, and zinc.

2.7.3.2 Remedial Investigation (November 2022)

PWGC conducted a RI to delineate soil, groundwater, and soil vapor impact within the subject property boundary and to determine what, if any, impact may have migrated off-site. The following tasks were completed during this RI:

- The geophysical survey performed at the subject property did not identify subsurface anomalies in the areas scanned.
- A total of 11 soil borings were installed at the subject property and a total of 33 soil samples were analyzed.
    - Soils beneath the subject Site appear to contain elevated SVOCs, metals, pesticides, and/or polychlorinated biphenyls (PCBs) and are primarily contained within the first 11 feet below grade surface (bgs) of soil across the subject property.
    - Petroleum impacted soils were observed in two soil samples; one was adjacent to the eastern neighboring petroleum spill and the other was in the smear zone down-gradient of this area.
    - Herbicides and perfluoroakyl and polyfluoroakyl substances (PFAS) did not exceed Unrestricted Use SCOs or guidance values.
- One permanent groundwater monitoring well was installed and nine existing onsite groundwater monitoring wells were utilized to determine groundwater quality beneath the subject property.
    - VOCs were detected at concentrations exceeding their respective Ambient Water Quality standards (AWQSs) in six of the 10 groundwater samples analyzed. The five groundwater monitoring wells with exceedances of petroleum related compounds are located on the southern portion of the subject property in the vicinity of the eastern neighboring petroleum spill.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

- SVOCs were detected at low level and sometimes estimated concentrations exceeding their respective AWQSs in each of the 10 groundwater samples.
- Dissolved metals in excess of AWQSs were limited to antimony, iron, magnesium, manganese, and/or sodium. These metals are generally found in background concentrations of groundwater within the region.
- Pesticides, PCBs, and 1,4-dioxane were detected at concentrations less than their regulatory groundwater standards.
- Perfluorooctanoic acid (PFOA) and/or perfluorooctanesulfonic acid (PFOS) were detected in each groundwater sample collected from the subject property. Five groundwater samples contained a PFOS concentration greater than its guidance value and eight samples contained a PFOA concentration greater than its groundwater guidance value. As PFOS and PFOA were identified in groundwater throughout the subject property, this indicates that the PFAS contamination is likely a regional issue and not related to historical site usage.
- LNAPL results identified a weathered fuel oil #2/diesel fuel in the vicinity of the leaking UST at the adjacent property and a mixture of coal tar/creosote and hydraulic/lubricating/motor oil beneath the drive-thru north of the Dunkin Donuts.
- There does not appear to be significant groundwater contamination migrating off-site from on-site contamination.

- Four sub-slab and six soil vapor samples were collected at the subject property, as well as three indoor air samples.
  - The indoor air samples contained minor detections of petroleum compounds and chlorinated solvents. Generally, the higher concentrations were observed in the active auto body shop compared to the sample from the deli.
  - Sub-slab soil vapor samples generally contained the highest concentrations of petroleum compounds beneath the active auto body shop. PCE was detected at low-level concentrations in three of the four sub-slab soil vapor samples; other chlorinated compounds were not detected.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

  - Soil vapor samples generally contained low levels of petroleum compounds and did not contain detectable concentrations of chlorinated compounds.

- The fate and transport of contaminants identified during the RI is a function of the properties of the individual contaminants, the geology and hydrogeology of the subject property, and available pathways for the contaminants to migrate. Elevated concentrations of VOCs, SVOCs, metals, pesticides, and PCBs are present in subsurface soils at the subject property. Significant groundwater impact from on-site contamination has not been observed leaving the subject property. Transport mechanisms for identified impact include soil transportation as dust or suspended in stormwater runoff and migration of groundwater or soil vapor downgradient. As the subject property is currently capped with pavement or concrete, impacted shallow soils at the subject property are contained. There are currently no excavations on the subject property that would allow exposure to soil or groundwater at the subject property. VOCs in soil vapor appear to be emanating from subsurface soil contamination although additional off-site sources cannot be ruled out due to the industrial nature of nearby properties. Elevated concentrations were observed near the northern portion of the subject property and could potentially be migrating off-site.
- Possible subject property exposure pathways are by ingestion, inhalation, or dermal exposure by a person on the subject property. The subject property is currently capped with various buildings, asphalt and/or concrete which largely negates these exposure pathways. Prior to the cap being removed from the subject property, a locked perimeter fence will be installed which will limit access to the subject property to authorized personnel. As such, potential exposures would be limited to periods when ground intrusive work is being performed. Proposed remediation of the subject property will then include re-capping the property with impervious surfaces and/or clean fill material. There are no production wells or groundwater use on the subject property, so there is no route for ingestion or dermal exposure to groundwater except for when ground intrusive work is occurring if it extends to the groundwater table.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

3.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGS)

Based on previous investigations at the subject property, the primary chemicals of potential concern (COPC) encountered at the subject property are VOCs, SVOCs, and metals.

Applicable regulations at NYSDEC 6 NYCRR Part 375 provide SCOs for Unrestricted Use and Restricted Use based on the intended usage of the property. Restricted Use SCOs include: Residential, Restricted Residential (single-family houses not permitted), Commercial, or Industrial. The future intended usage of the property is intended to be for multi-family residential purposes; therefore, soil sample results are compared to the lower of Unrestricted Use SCOs, Protection of Groundwater SCOs, and Restricted Residential Use SCOs.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

4.0 REMEDIAL INVESTIGATION

The primary objectives of the additional work detailed in this SRI were to delineate the onsite contaminated soils throughout the site, confirm the likely bottom depth of the remedial excavations that will be proposed for the RAWP, facilitate the design of the SOE elements required for remedial excavations to these depths, and delineate the source material around the RI boring SB007. In addition, the configuration of the proposed building has changed since the RIR was submitted to the NYSDEC due to utility hookup restraints on the northern side of the property where there are buried Con Edison transformer lines along 24th Street.

4.1 Soil Quality

Soil sampling was performed in accordance with DER-10 and with the NYSDEC approved SRIWP.

A total of 14 additional soil borings (SB012 through SB025) were installed throughout the property to supplement the previously installed borings during the RI and Phase II ESAs. Associated Environmental Services, Ltd. (AES) of Hauppauge, New York provided drilling services. PWGC and AES mobilized to the subject property on August 3, 2022 to install the 14 additional borings. Soil boring locations are shown on **Figure 3**.

Soil borings were installed utilizing a Geoprobe® direct-push 7822DT drill rig. The drill rig was outfitted with a dual-core sampler and dedicated acetate liners. Non-dedicated sampling equipment was decontaminated in accordance with the procedures specified in SRIWP.

Soils were field screened for the presence of volatile organic vapors using a photo-ionization detector (PID) and classified in accordance with the Unified Soil Classification System (USCS). Soils at the subject property consisted of soils mixed with brick, asphalt, and concrete ("fill") material from grade to approximately 8 feet bgs underlain by fine to medium grained sand with trace silt.

Elevated PID detections were observed in four of the 14 soil borings (SB019, SB021, SB024 and SB025). The maximum PID reading was 344 parts per million (ppm). These four borings are located in the vicinity of the petroleum spill investigated under spill numbers 93-05122/16-10374.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Soil boring logs are included as **Appendix A**.

4.1.1 Sampling Protocol

Soil samples were collected from each soil boring in accordance with the SRIWP. Soil samples were collected from the intervals detailed in the table below with deviations from the SRIWP noted.

Boring	Grade Elevation (feet)	Depth Intervals (feet)	Estimated Elevations (feet)	Deviations
SB012	41	6 to 8 8 to 10	41 to 39 37 to 35	
SB013	41	6 to 8	35 to 33	
SB014	35	2 to 4 4 to 6	33 to 31 31 to 29	
SB015	35	10 to 12	25 to 23	
SB016	35	10 to 12	25 to 23	
SB017	35	3 to 5 5 to 7	32 to 30 30 to 28	Fill material ended at approximately 5 feet. Collected soil samples at 2-feet above the fill layer and 2-feet below the fill layer.
SB018	35	3 to 5 5 to 7	32 to 30 30 to 28	Fill material ended at approximately 3 feet. Collected the next two 2-foot intervals below the fill layer.
SB019	35	17 to 19	18 to 16	Elevated PID readings, but no visual evidence of contamination. Collected 2-foot interval above the water table.
SB020	35	8 to 10	27 to 25	
SB021	35	13 to 15	22 to 20	
SB022	35	8 to 10	27 to 25	
SB023	34	8 to 10	26 to 24	
SB024	33	5 to 7 13 to 15 15 to 17	25 to 23 20 to 18 18 to 16	Collected two additional samples due to elevated PID readings.
SB025	32	N/A	N/A	No samples were collected from this boring. The boring was installed to determine if physical evidence of soil contamination existed between SB019, SB021, and SB022.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

4.1.2 Sample Analysis

Samples collected during this SRI were placed in pre-cleaned, pre-preserved, laboratory-supplied glassware and stored on ice in a cooler for transport to the laboratory. Samples were submitted to York Analytical Laboratories of Stratford, Connecticut (YORK), a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID: 10854).

Soil samples for supplemental characterization of the subject property were analyzed for the following:

- TCL VOCs by United States Environmental Protection Agency (USEPA) Method 8260, collected with terracore devices or equivalent.
- TCL SVOCs by USEPA Method 8270.
- TCL Pesticides/ PCBs by USEPA Method 8081/8082.
- Trivalent and Hexavalent Chromium by USEPA Method 7196.
- TAL Metals by USEPA Method 6010/7471.

4.1.3 Analytical Results

Soil sample results were compared to the Unrestricted Use, Protection of Groundwater, and Restricted Residential Use SCOs specified in 6 NYCRR Part 375, Environmental Remediation Programs (December 2006). Soil analytical data is summarized on **Tables 1** through **4** and laboratory reports are included as **Appendix B**. Soil analytical data from the SRI are included on the spider diagram as **Figure 3**.

A total of 19 soil samples were collected for VOC analysis. VOCs were detected at concentrations greater than their respective Unrestricted Use SCOs and/or Protection of Groundwater SCOs in two of the 19 soil samples analyzed; however, they did not exceed their respective Restricted Residential Use SCOs. In soil boring SB019 from 17 to 19 feet, 1,2,4-trimethylbenzene was detected at a concentration of 5 mg/kg, slightly exceeding its Unrestricted Use SCO and Protection of Groundwater SCO of 3.6 mg/kg. At this sample depth, the sample may have been collected from the smear zone of the groundwater table. In soil boring SB021 from 13 to 15 feet, 1,2,4-trimethylbenzene (36 mg/kg), 1,3,5-trimethylbenzene (11 mg/kg), ethylbenzene (2.9 mg/kg), n-propyl benzene (4.4 mg/kg), and total xylene (15 mg/kg) were detected at

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

concentrations slightly exceeding their respective Unrestricted Use SCOs and Protection of Groundwater SCOs. At boring SB025, no samples were collected; however, the soil was characterized and field screened with a PID. There was no physical evidence of contamination within the boring, but PID readings increased as groundwater was approached.

A total of 19 soil samples were collected for the analysis of SVOCs, pesticides, and PCBs analysis. SVOCs, pesticides, and PCBs were not detected at concentrations in contravention of their respective Unrestricted Use SCOs in each of the 19 soil samples.

A total of 19 soil samples were collected for metals analysis. Metals were detected at concentrations greater than Unrestricted Use SCOs in four of the 19 soil samples analyzed; however, they did not exceed their respective Restricted Residential Use SCOs. The compounds exceeding Unrestricted Use SCOs include lead, nickel, trivalent chromium, and zinc. Lead was detected at a concentration of 81.6 mg/kg in soil boring SB014 at 2 to 4 feet. Nickel and trivalent chromium were detected at concentrations exceeding their respective Unrestricted Use SCOs in soil borings SB015 and SB016 at 10 to 12 feet. Zinc was detected at a concentration of 148 mg/kg in the soil sample collected at SB024 at 5 to 7 feet.

4.2 Discussion of Results

The area of petroleum contamination in the southeastern section of the site has been delineated to the area between borings SB018 to the north, SB020 to the west, the property boundary to the south, and the property boundary to the east. This contamination appears to migrate down to the groundwater table. This contamination exceeds Protection of Groundwater SCOs and is also observed in the groundwater samples previously collected which exceeded their respective Ambient Water Quality Standards.

Additional metals contamination was encountered at several locations throughout the site in exceedance of Unrestricted Use SCOs and included lead, nickel, and trivalent chromium. An additional location contained a Restricted Residential SCO exceedance for mercury.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

4.3 Community Air Monitoring and Reporting

Community air monitoring was performed during the SRI at the subject property during soil disturbance events. This included monitoring the site perimeter for dust and volatile organic vapors. The exclusion zone action level of 150 µg/m^3 greater than background for dust and 5 ppm for volatile organic vapors in the breathing zone were enforced during work.

One perimeter air monitoring station (downwind) was setup to continuously monitor air quality. The station was equipped with a dust meter and organic vapor meter. The meters were programmed to output results based on a 15-minute real-time average. The station was positioned based on the area(s) of the subject property being disturbed and current weather conditions. Field data sheets for the community air monitoring are included within the daily field reports and were submitted to the NYSDEC. It should be noted that telemetry issues were encountered during the SRI, including CAMP readings not being collected at the start of field activities and VOC readings were not collected at the up-gradient CAMP station; however, there was no visual or olfactory evidence of dust or VOCs migrating on-site or off-site during the SRI activities.

Daily reports with photographic logs were completed at the end of each day by the head field staff in charge for that day and reviewed by the PWGC project manager. There were no exceedances of dust or VOCs migrating off-site at the property boundaries. Copies of the daily field reports inclusive of air monitoring results are included in **Appendix C**.

4.4 Investigation Derived Waste

Investigation derived waste was not generated during the SRI. Excess soils from each boring were placed back into the boring location from where it originated.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

5.0 QUALITY ASSURANCE / QUALITY CONTROL

The overall quality assurance quality control (QA/QC) objective for the field investigation was to develop and implement procedures that provide data of known and documented quality. QA/QC characteristics for data include precision, accuracy, representativeness, completeness, and comparability. The purpose of the QA/QC activities developed for this subject property were to verify the integrity of the work performed and data collected is of the appropriate type and quality for the intended use.

5.1 QA/QC Samples

To assess the adequacy of the sample collection and decontamination procedures performed in the field, QA/QC samples were collected and analyzed throughout the field sampling program. In general, QA/QC samples confirmed that the procedures performed in the field were consistent and acceptable. QA/QC samples included trip blanks, field blanks, blind duplicates, matrix spike (MS), and matrix spike duplicates (MSD). Types and frequencies of field QA/QC samples are listed below.

Type	Frequency
Trip Blank	One per day (when VOC samples collected)
Equipment Blank	One per 20 samples per matrix
Blind Duplicate	One per 20 samples per matrix
MS/MSD	One per 20 samples per matrix

During the SRI, one equipment blank, one MS/MSD, and one blind duplicate were prepared and submitted for analysis in accordance with the project Quality Assurance Project Plan (QAPP). The laboratory did not provide a trip blank for the day of sampling; therefore, a trip blank was not analyzed.

The results of the QA/QC sampling indicates that sample collection procedures and/or ambient conditions are unlikely to have significantly impacted environmental samples collected from the subject property during implementation of the SRI.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

5.2 Data Usability and Validation

In accordance with the approved SRIWP, independent third-party data validation was conducted by Environmental Data Usability of Dansville, NY. Full data validation was performed on 5% of the data generated or one sample per Sample Delivery Group (SDG), whichever was greater. Remaining data received a summary validation as detailed in the Data Usability Summary Report (DUSR A copy of the data validation is included in **Appendix D**.

Data were deemed acceptable by the data validator, with minor qualifications due to sample matrix or laboratory quality control outliers, with the exception of the rejection of the results for 1,4-dioxane and benzoic acid.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

6.0 CONCEPTUAL TRANSPORT MODEL

Based upon the findings of this SRI and previous RI, a conceptual model detailing the transport of contaminants has been developed. Soils beneath the subject property appear to contain impacted petroleum related contamination and are additionally impacted with SVOCs, metals, pesticides, and PCBs. Groundwater with concentrations of VOCs, SVOCs, metals, and PFAS greater than AWQS or GVs is present and may be as a result of migration of contaminants from on-site soils and/or from off-site sources.

6.1 Surface Water

There is no surface water on the subject property. The nearest surface water body is the Gowanus Canal, located approximately 0.3-mile northwest of the subject property. Based upon the distance, it does not appear that contaminants on the subject property have impacted the surface water body.

6.2 Fish and Wildlife Resources

PWGC evaluated potential impact to fish and wildlife resources in accordance with DER-10 Section 3.10, a Fish and Wildlife Resources Impact Analysis (FWRIA), and DER-10 Appendix 3C, FWRIA Decision Key. A summary of the FWRIA is detailed below; a copy of the Decision Key is included in **Appendix F**.

Section 1: Is the site or area of concern a discharge or spill event? **Yes**. *For a "Yes" response, proceed to Section 13.*

Section 13: Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? **No**. *For a "No" response, proceed to Section 14.*

Section 14: No Fish and Wildlife Resources Impact Analysis needed.

The result of the FWRIA for this SRI is the same as the RI.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

7.0 QUALITATIVE HUMAN EXPOSURE ASSESSMENT

The overall purpose of the Qualitative Human Exposure Assessment is to evaluate and document how people might be exposed to contaminants on the subject property and to identify and characterize the potentially exposed population(s) now and under reasonably anticipated future use of the subject property. To evaluate if an exposure pathway exists, the exposure assessment should assess the quality, representativeness, and adequacy of the available data. In addition, the qualitative exposure assessment should consider the nature of populations currently exposed or that have the potential to be exposed to subject property contaminants both on the subject property and off the subject property and describe the reasonably anticipated future land use of the subject property and affected off subject property areas.

7.1 Contaminant Source

The subject property is located at 731 to 747 4th Avenue, Brooklyn, New York. Former Lot 7 was first developed prior to 1888 and was utilized for residential purposes from at least 1888 to 1906, and commercial/industrial purposes, including a junk yard, metal manufacturer, and an auto repair shop from 1906 to present. Former Lot 1 was first developed between 1906 and 1926, utilized as an auto garage and filling station for almost eight decades. The lot was redeveloped into a Dunkin Donuts around 2004. The onsite buildings are currently vacant.

Investigations at the subject property have identified the concentrations of VOCs, SVOCs, metals, pesticides, and PCBs exceeding Unrestricted Use and/or Restricted Residential Use SCOs scattered throughout the subject property with the highest concentrations detected in the northern portion of the subject property.

These elevated concentrations of contaminants were identified within the fill layer and also appear to be related to historical usage of the subject property.

7.1.1 Contaminant Release and Transport

Elevated levels of VOCs, SVOCs, metals, pesticides, and PCBs are present in subsurface soils at the subject property. The highest concentrations were observed on the northern portion of the subject property.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Significant groundwater impact has not been observed leaving the subject property with the exception of petroleum related contamination and LNAPL from the eastern neighboring spill. Transport mechanisms for identified impact include soil transportation as dust or suspended in storm runoff and migration of groundwater or soil vapor downgradient. As the subject property is currently capped with pavement or concrete, impacted shallow soils at the subject property are contained. There are currently no excavations on the subject property that would allow exposure to soil or groundwater at the subject property.

VOCs in soil vapor appear to be emanating from subsurface soil contamination although additional off-site sources cannot be ruled out due to the industrial nature of nearby properties. Elevated concentrations were observed near the northern portion of the subject property.

7.2 Points and Routes of Exposure

Possible exposure pathways are by ingestion of impacted soil, inhalation of dust or vapors from impacted soils, or dermal exposure to impacted soil by a person on the subject property. Currently, exposures are mitigated by the presence of concrete slabs across the subject property. During remediation, potential exposures would be limited to periods when ground intrusive work is being performed. Exposures to impacted soils will be mitigated during remediation through the presence of a locked perimeter fence, use of personal protective equipment (PPE) for onsite workers, and implementation of a Community Air Monitoring Plan (CAMP) to protect the downwind community. As the goal for remediation at the subject property is to achieve a Track 1 cleanup (i.e., removal of soils exceeding Unrestricted Use SCOs), it is not expected that exposure pathways will exist post-remediation; in the event that a Track 1 cleanup is not achieved, post-remediation exposures will likely be mitigated by a composite cover system at the subject property.

Groundwater at the subject property is impacted with VOCs, SVOCS, metals, and PFAS. Regional groundwater beneath the subject property flows towards the northwest and may be influenced by localized dewatering near the subway tunnel beneath 4th Avenue. Groundwater in the vicinity of the subject property is not used as a potable water source and excavation for remediation or construction is not anticipated to extend into the groundwater table; as such, possible exposure pathways (ingestion, inhalation, or dermal exposure) are not anticipated. Identified groundwater impact appears likely to be

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

related to a regional issue and may also be related to historical usage of the subject property and/or the eastern neighboring petroleum spill.

7.3 Characterization of Potential Receptor Populations

The subject property is mostly vacant (two occupied units) and the buildings are secured with lock doors and/or gates which limits human receptors to occasional site visitors and workers involved in redevelopment activities. During remediation and site development, human receptors will be limited to construction workers and related personnel. Potential off-site receptors include workers and residents in surrounding commercial and residential properties.

7.4 Qualitative Human Health Exposure Assessment Summary Table

The following table provides a summary of the routes of exposure.

Environmental Media & Exposure Route	Human Assessment
Direct contact with surface soils	• Public access is restricted by fencing. • The source area soils will be removed during remediation. • Direct contact to surface soils may occur during ground intrusive work at the subject property. Such contact will be managed during remediation by implementing a Health & Safety Plan (HASP) and CAMP.
Direct contact with subsurface soils	• Direct contact to subsurface soils may occur during ground intrusive work at the subject property. Such contact will be managed during remediation by implementing a HASP and CAMP.
Direct contact with groundwater	• Direct contact to groundwater is unlikely to occur during ground intrusive work at the subject property; however, in the event that direct contact with the groundwater is possible, such contact will be managed during remediation by implementing a HASP and CAMP.
Ingestion of groundwater	• Groundwater is not utilized for drinking water. Drinking water is supplied by the municipal water supply. • There are no known domestic water supply wells in the area.
Inhalation of air	• The source area soils and grossly contaminated media will be removed during remediation. • Workers can come into contact if they complete ground intrusive work at the subject property. Such contact will be managed during remediation by implementing a HASP and CAMP.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 Supplemental Remedial Investigation

PWGC prepared an SRIWP dated June 2022 that was approved by NYSDEC. The purpose of the SRI was to delineate onsite contaminated soils throughout the site, confirm the likely bottom depth of the remedial excavations that will be proposed for the RAWP, facilitate the design of the SOE elements required for remedial excavations to these depths, and delineate the source material around the RI boring SB007. To perform this work, the following tasks were completed:

- A total of 14 soil borings were installed at the subject property and a total of 19 soil samples were analyzed.
    - The area of petroleum contamination in the southeastern portion of the subject property has been delineated and appears to extend to the groundwater table.
    - Additional metals impact was observed in multiple locations in Former Lot 1 at varying depths that exceeded Unrestricted Use SCOs. One of these locations contained a Restricted Residential SCO exceedance for mercury.
    - SVOCs, pesticides, and PCBs did not exceed Unrestricted Use SCOs.
- The fate and transport of contaminants identified during the SRI is similar to the RI and is a function of the properties of the individual contaminants, the geology and hydrogeology of the subject property, and available pathways for the contaminants to migrate. During this SRI, elevated concentrations of VOCs and metals were identified in subsurface soils at the subject property which supplements the prior findings of VOCs, SVOCs, metals, pesticides, and PCBs. Significant groundwater impact from on-site contamination has not been observed leaving the subject property. Transport mechanisms for identified impact include soil transportation as dust or suspended in storm runoff and migration of groundwater or soil vapor downgradient. As the subject property is currently capped with pavement or concrete, impacted shallow soils at the subject property are contained. There are currently no excavations on the subject property that would allow exposure to soil or groundwater at the subject property. VOCs in soil vapor appear to be emanating from subsurface soil contamination although additional off-site sources cannot

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

be ruled out due to the industrial nature of nearby properties. Elevated concentrations were observed near the northern portion of the subject property and could potentially be migrating off-site.

- Possible subject property exposure pathways are by ingestion, inhalation, or dermal exposure by a person on the subject property. The subject property is currently capped with various buildings, asphalt and/or concrete which largely negates these exposure pathways. Prior to the cap being removed from the subject property, a locked perimeter fence will be installed which will limit access to the subject property to authorized personnel. As such, potential exposures would be limited to periods when ground intrusive work is being performed. Proposed remediation of the subject property will then include re-capping the property with impervious surfaces and/or clean fill material. There are no production wells or groundwater use on the subject property, so there is no route for ingestion or dermal exposure to groundwater except for when ground intrusive work is occurring if it extends to the groundwater table.

8.2 Recommendations

Based upon the observations and data generated during the RI and SRI, PWGC recommends preparing a Remedial Action Work Plan (RAWP) which will include potential mitigation measures to address identified impacts at the subject property. The RAWP should address the following Remedial Action Objectives (RAOs):

Remedial Action Objectives		
Matrix	Public Health Protection	Environmental Protection
Soil	Prevent ingestion/direct contact with contaminated soil. Prevent inhalation of or exposure to contaminants volatilizing from contaminated soil.	Prevent migration of contaminants that would result in groundwater or surface water contamination.
Groundwater	Prevent ingestion of groundwater containing	Restore groundwater aquifer, to the extent practicable, to pre-disposal/pre-release conditions.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 630 JOHNSON AVENUE, STE 7
PWGROSSER.COM BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Remedial Action Objectives		
Matrix	Public Health Protection	Environmental Protection
	contaminant levels exceeding drinking water standards. Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.	Remove the source of groundwater contamination.
Soil Vapor	Mitigate potential impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings.	Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the subject property.

Future usage of the subject property will include demolition of the existing structure and construction of a mixed-use building.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

9.0 REFERENCES

- PWGC, 737-747 4th Avenue Phase I ESA, March 2018, updated August 2018.
- PWGC, 737-747 4th Avenue Phase II ESA, August 2018.
- MEI, 731-735 4th Avenue Phase I ESA, April 2013.
- PWGC, 731-735 4th Avenue Phase I ESA, January 2019, updated July 2019.
- PWGC, 731-735 4th Avenue Limited Phase II ESA, March 2019.
- PWGC, 731-735 4th Avenue Phase II ESA, July 2021.
- PWGC, 737-747 4th Avenue Remedial Investigation Report, November 2022.
- NYSDEC, Division of Environmental Restoration, 6 NYCRR Part 375 Subpart 6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
- NYSDEC, Division of Environmental Remediation, December 2002, DER-10, Technical Guidance for Site Investigation and Remediation, May 3, 2010.
- NYSDEC, Brownfield Cleanup Agreement, Atlantic Brooklyn Project (C224305), July 8, 2020.
- NYSDEC, Amended Brownfield Cleanup Agreement, Atlantic Brooklyn Project (C224305), June 1, 2021.
- NYSDEC, Remedial Investigation Approval Letter, Atlantic Brooklyn Project (C224305) August 13, 2021.
- PWGC, Supplemental Remedial Investigation Work Plan, 737 4th Ave Site Project (C224332), June 2022.

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

FIGURES

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

VICINITY MAP

731-747 4TH AVE
BROOKLYN, NY

0 ¼ ½ ¾ 1 Miles

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

Project:	TOT2101
Date:	4/14/2022
Designed by:	LS
Drawn by:	JCG
Approved by:	LS
Figure No:	1

Document Path: W:\Projects\S-Z\TOT\2101\ProjectFiles\TOT2101_RIWP_Figures\TOT2101_RIWP_Figures.aprx

Document Path: W:\Projects\S-Z\TOT\2101\Map Files\FIG02_SitePlan.mxd

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING AND RELATED DOCUMENTS IS A VIOLATION OF SEC. 7209 OF THE N.Y.S. EDUCATION LAW

DRAWING PREPARED FOR:

737 4th Avenue, LLC
26 Harbor Park Drive,
Port Washington, NY 11050

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

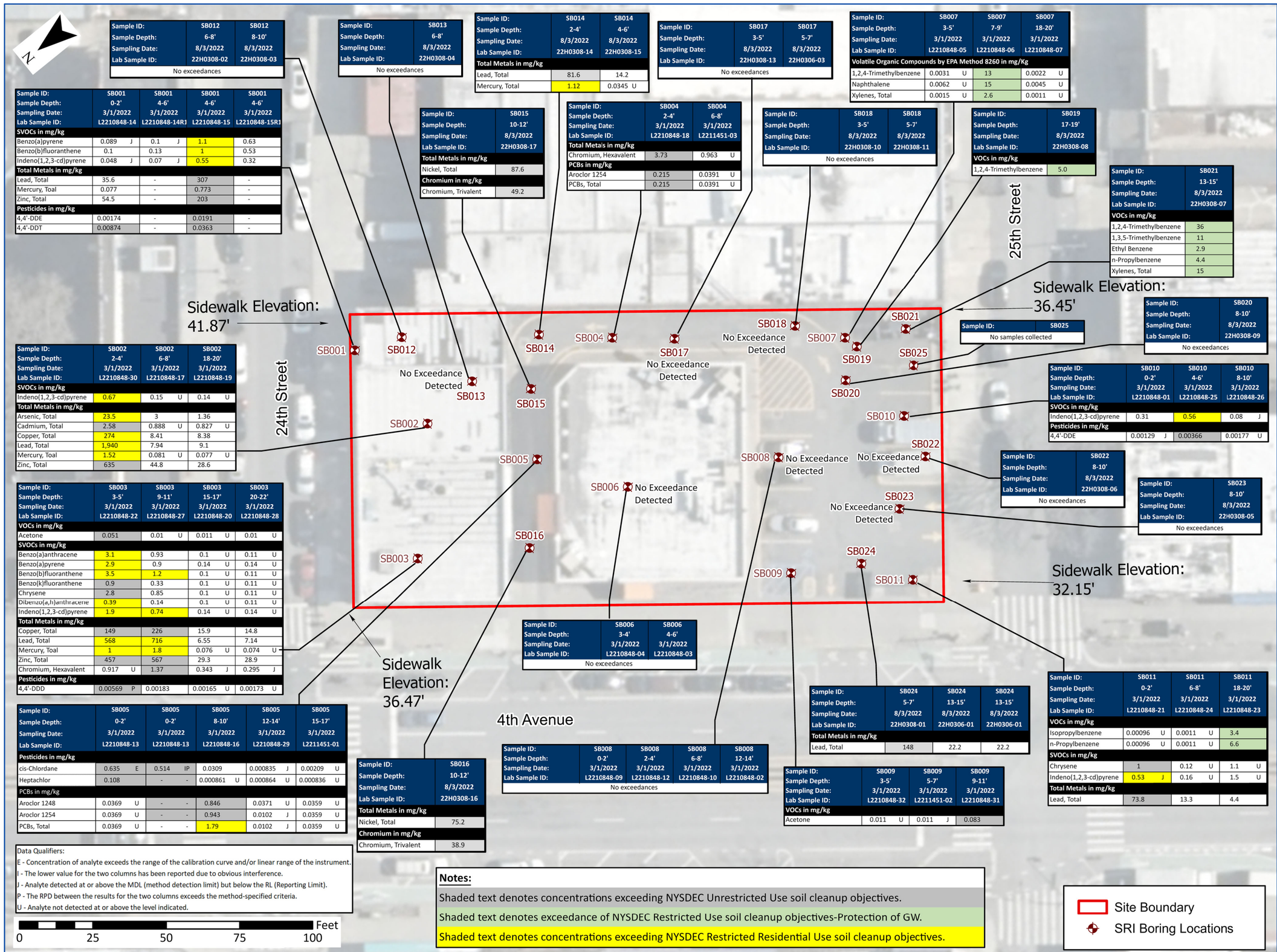
Project:	TOT2101	Designed by:	JL
Date:	3/29/2021	Drawn by:	UC
Scale:	AS SHOWN	Approved by:	JL

SITE PLAN

731-747 4th Ave
Brooklyn, NY

FIGURE NO:

2



Sample ID:	SB012	SB012
Sample Depth:	6-8'	8-10'
Sampling Date:	8/3/2022	8/3/2022
Lab Sample ID:	22H0308-02	22H0308-03
No exceedances		

Sample ID:	SB013
Sample Depth:	6-8'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-04
No exceedances	

Sample ID:	SB014	SB014
Sample Depth:	2-4'	4-6'
Sampling Date:	8/3/2022	8/3/2022
Lab Sample ID:	22H0308-14	22H0308-15
Total Metals in mg/kg		
Lead, Total	81.6	14.2
Mercury, Total	1.12	0.0345 U

Sample ID:	SB017	SB017
Sample Depth:	3-5'	5-7'
Sampling Date:	8/3/2022	8/3/2022
Lab Sample ID:	22H0308-13	22H0306-03
No exceedances		

Sample ID:	SB007	SB007	SB007
Sample Depth:	3-5'	7-9'	18-20'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-05	L2210848-06	L2210848-07
Volatile Organic Compounds by EPA Method 8260 in mg/Kg			
1,2,4-Trimethylbenzene	0.0031 U	13	0.0022 U
Naphthalene	0.0062 U	15	0.0045 U
Xylenes, Total	0.0015 U	2.6	0.0011 U

Sample ID:	SB001	SB001	SB001	SB001
Sample Depth:	0-2'	4-6'	4-6'	4-6'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-14	L2210848-14RJ	L2210848-15	L2210848-15RJ
SVOCs in mg/kg				
Benzo(a)pyrene	0.089 J	0.1 J	1.1	0.63
Benzo(b)fluoranthene	0.1	0.13	1	0.53
Indeno(1,2,3-cd)pyrene	0.048 J	0.07 J	0.55	0.32
Total Metals in mg/kg				
Lead, Total	35.6	-	307	-
Mercury, Toal	0.077	-	0.773	-
Zinc, Total	54.5	-	203	-
Pesticides in mg/kg				
4,4'-DDE	0.00174	-	0.0191	-
4,4'-DDT	0.00874	-	0.0363	-

Sample ID:	SB015
Sample Depth:	10-12'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-17
Total Metals in mg/kg	
Nickel, Total	87.6
Chromium in mg/kg	
Chromium, Trivalent	49.2

Sample ID:	SB004	SB004
Sample Depth:	2-4'	6-8'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-18	L2211451-03
Total Metals in mg/kg		
Chromium, Hexavalent	3.73	0.963 U
PCBs in mg/kg		
Aroclor 1254	0.215	0.0391 U
PCBs, Total	0.215	0.0391 U

Sample ID:	SB018	SB018
Sample Depth:	3-5'	5-7'
Sampling Date:	8/3/2022	8/3/2022
Lab Sample ID:	22H0308-10	22H0308-11
No exceedances		

Sample ID:	SB019
Sample Depth:	17-19'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-08
VOCs in mg/kg	
1,2,4-Trimethylbenzene	5.0

Sample ID:	SB021
Sample Depth:	13-15'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-07
VOCs in mg/kg	
1,2,4-Trimethylbenzene	36
1,3,5-Trimethylbenzene	11
Ethyl Benzene	2.9
n-Propylbenzene	4.4
Xylenes, Total	15

Sample ID:	SB025
No samples collected	

Sample ID:	SB020
Sample Depth:	8-10'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-09
No exceedances	

Sample ID:	SB002	SB002	SB002
Sample Depth:	2-4'	6-8'	18-20'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-30	L2210848-17	L2210848-19
SVOCs in mg/kg			
Indeno(1,2,3-cd)pyrene	0.67	0.15 U	0.14 U
Total Metals in mg/kg			
Arsenic, Total	23.5	3	1.36
Cadmium, Total	2.58	0.888 U	0.827 U
Copper, Total	274	8.41	8.38
Lead, Total	1,940	7.94	9.1
Mercury, Toal	1.52	0.081 U	0.077 U
Zinc, Total	635	44.8	28.6

Sample ID:	SB010	SB010	SB010
Sample Depth:	0-2'	4-6'	8-10'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-01	L2210848-25	L2210848-26
SVOCs in mg/kg			
Indeno(1,2,3-cd)pyrene	0.31	0.56	0.08 J
Pesticides in mg/kg			
4,4'-DDE	0.00129 J	0.00366	0.00177 U

Sample ID:	SB022
Sample Depth:	8-10'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-06
No exceedances	

Sample ID:	SB023
Sample Depth:	8-10'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-05
No exceedances	

Sample ID:	SB003	SB003	SB003	SB003
Sample Depth:	3-5'	9-11'	15-17'	20-22'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-22	L2210848-27	L2210848-20	L2210848-28
VOCs in mg/kg				
Acetone	0.051	0.01 U	0.011 U	0.01 U
SVOCs in mg/kg				
Benzo(a)anthracene	3.1	0.93	0.1 U	0.11 U
Benzo(a)pyrene	2.9	0.9	0.14 U	0.14 U
Benzo(b)fluoranthene	3.5	1.2	0.1 U	0.11 U
Benzo(k)fluoranthene	0.9	0.33	0.1 U	0.11 U
Chrysene	2.8	0.85	0.1 U	0.11 U
Dibenzo(a,h)anthracene	0.39	0.14	0.1 U	0.11 U
Indeno(1,2,3-cd)pyrene	1.9	0.74	0.14 U	0.14 U
Total Metals in mg/kg				
Copper, Total	149	226	15.9	14.8
Lead, Total	568	716	6.55	7.14
Mercury, Toal	1	1.8	0.076 U	0.074 U
Zinc, Total	457	567	29.3	28.9
Chromium, Hexavalent	0.917 U	1.37	0.343 J	0.295 J
Pesticides in mg/kg				
4,4'-DDD	0.00569 P	0.00183	0.00165 U	0.00173 U

Sample ID:	SB006	SB006
Sample Depth:	3-4'	4-6'
Sampling Date:	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-04	L2210848-03
No exceedances		

Sample ID:	SB024	SB024	SB024
Sample Depth:	5-7'	13-15'	13-15'
Sampling Date:	8/3/2022	8/3/2022	8/3/2022
Lab Sample ID:	22H0308-01	22H0306-01	22H0306-01
Total Metals in mg/kg			
Lead, Total	148	22.2	22.2

Sample ID:	SB011	SB011	SB011
Sample Depth:	0-2'	6-8'	18-20'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-21	L2210848-24	L2210848-23
VOCs in mg/kg			
Isopropylbenzene	0.00096 U	0.0011 U	3.4
n-Propylbenzene	0.00096 U	0.0011 U	6.6
SVOCs in mg/kg			
Chrysene	1	0.12 U	1.1 U
Indeno(1,2,3-cd)pyrene	0.53 J	0.16 U	1.5 U
Total Metals in mg/kg			
Lead, Total	73.8	13.3	4.4

Sample ID:	SB005	SB005	SB005	SB005	SB005
Sample Depth:	0-2'	0-2'	8-10'	12-14'	15-17'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-13	L2210848-13	L2210848-16	L2210848-29	L2211451-01
Pesticides in mg/kg					
cis-Chlordane	0.635 E	0.514 IP	0.0309	0.000835 J	0.00209 U
Heptachlor	0.108	- -	0.000861 U	0.000864 U	0.000836 U
PCBs in mg/kg					
Aroclor 1248	0.0369 U	- -	0.846	0.0371 U	0.0359 U
Aroclor 1254	0.0369 U	- -	0.943	0.0102 J	0.0359 U
PCBs, Total	0.0369 U	- -	1.79	0.0102 J	0.0359 U

Sample ID:	SB016
Sample Depth:	10-12'
Sampling Date:	8/3/2022
Lab Sample ID:	22H0308-16
Total Metals in mg/kg	
Nickel, Total	75.2
Chromium in mg/kg	
Chromium, Trivalent	38.9

Sample ID:	SB008	SB008	SB008	SB008
Sample Depth:	0-2'	2-4'	6-8'	12-14'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-09	L2210848-12	L2210848-10	L2210848-02
No exceedances				

Sample ID:	SB009	SB009	SB009
Sample Depth:	3-5'	5-7'	9-11'
Sampling Date:	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:	L2210848-32	L2211451-02	L2210848-31
VOCs in mg/kg			
Acetone	0.011 U	0.011 J	0.083

Data Qualifiers:
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
I - The lower value for the two columns has been reported due to obvious interference.
J - Analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit).
P - The RPD between the results for the two columns exceeds the method-specified criteria.
U - Analyte not detected at or above the level indicated.

Notes:

Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use soil cleanup objectives.

Shaded text denotes exceedance of NYSDEC Restricted Use soil cleanup objectives-Protection of GW.

Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use soil cleanup objectives.

Site Boundary
SRI Boring Locations

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING AND RELATED DOCUMENTS IS A VIOLATION OF SEC. 7209 OF THE N.Y.S. EDUCATION LAW

DRAWING PREPARED FOR:

737 4th Avenue, LLC
26 Harbor Park Drive,
Port Washington, NY 11050

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	TOT2101	Designed by:	JL
Date:	8/24/2022	Drawn by:	OA
Scale:	AS SHOWN	Approved by:	JL

Soil Sample Exceedances

731-747 4th Ave
Brooklyn, NY

FIGURE NO:

3

Document Path: W:\Projects\S-Z\TOT\2101\ProjectFiles\TOT2101_RIWP_Figures\TOT2101_RIWP_Figures_v4.aprx

TABLES

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM 630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Table 1
Soil VOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Protection of Groundwater (2)	NYSDEC SCOs Restricted Residential Use (3)	SB001 0-2' 3/1/2022 L2210848-14	SB001 4-6' 3/1/2022 L2210848-15	SB002 2-4' 3/1/2022 L2210848-30	SB002 6-8' 3/1/2022 L2210848-17	SB002 18-20' 3/1/2022 L2210848-19	SB003 3-5' 3/1/2022 L2210848-22	SB003 9-11' 3/1/2022 L2210848-27	SB003 15-17' 3/1/2022 L2210848-20	SB003 20-22' 3/1/2022 L2210848-28	SB004 2-4' 3/1/2022 L2210848-18	SB004 6-8' 3/1/2022 L2211451-03	SB005 0-2' 3/1/2022 L2210848-13	SB005 8-10' 3/1/2022 L2210848-16	SB005 12-14' 3/1/2022 L2210848-29	SB005 15-17' 3/1/2022 L2211451-01	SB006 3-4' 3/1/2022 L2210848-04	SB006 4-6' 3/1/2022 L2210848-03	SB007 3-5' 3/1/2022 L2210848-05
Volatile Organic Compounds by EPA Method 8260 in mg/Kg																						
1,1,1,2-Tetrachloroethane	630-20-6	NS	-	NS	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
1,1,1-Trichloroethane	71-55-6	0.68	-	100	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	-	NS	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,1,2-Trichloroethane	79-00-5	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,1-Dichloroethane	75-34-3	0.27	-	26	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,1-Dichloroethene	75-35-4	0.33	-	100	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,1-Dichloropropene	563-58-6	NS	-	NS	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
1,2,3-Trichlorobenzene	87-61-6	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,2,3-Trichloropropane	96-18-4	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,2,4-Trichlorobenzene	120-82-1	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,2-Dibromo-3-chloropropane	96-12-8	NS	-	NS	0.0030 U	0.0029 U	0.0043 U	0.0036 U	0.0027 U	0.003 U	0.0032 U	0.0032 U	0.0031 U	0.003 U	0.0032 U	0.003 U	0.0028 U	0.0031 U	0.0026 U	0.003 U	0.0034 U	0.0046 U
1,2-Dibromoethane	106-93-4	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,2-Dichlorobenzene	95-50-1	1.1	-	100	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,2-Dichloroethane	107-06-2	0.02	-	3.1	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,2-Dichloroethene, Total	540-59-0	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,2-Dichloropropane	78-87-5	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	52	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,3-Dichlorobenzene	541-73-1	2.4	-	49	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,3-Dichloropropane	142-28-9	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,3-Dichloropropene, Total	542-75-6	NS	-	NS	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
1,4-Dichlorobenzene	106-46-7	1.8	-	13	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
1,4-Dioxane	123-91-1	0.1	-	13	0.0800 U	0.078 U	0.11 U	0.097 U	0.073 U	0.079 U	0.084 U	0.086 U	0.083 U	0.08 U	0.085 U	0.081 U	0.076 U	0.082 U	0.07 U	0.08 U	0.09 U	0.12 U
2,2-Dichloropropane	594-20-7	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
2-Butanone	78-93-3	0.12	-	100	0.0099 U	0.0097 U	0.014 U	0.012 U	0.0091 U	0.0093 J	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.01 U	0.0087 U	0.01 U	0.011 U	0.015 U
2-Chlorotoluene	95-49-8	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2-Hexanone	591-78-6	NS	-	NS	0.0099 U	0.0097 U	0.014 U	0.012 U	0.0091 U	0.0099 U	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.01 U	0.0087 U	0.01 U	0.011 U	0.015 U
4-Chlorotoluene	106-43-4	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4-Methyl-2-pentanone	108-10-1	NS	-	NS	0.0099 U	0.0097 U	0.014 U	0.012 U	0.0091 U	0.0099 U	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.01 U	0.0087 U	0.01 U	0.011 U	0.015 U
Acetone	67-64-1	0.05	-	100	0.0099 U	0.0097 U	0.007 J	0.012 U	0.0091 U	0.051	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.013	0.0087 U	0.01 U	0.011 U	0.015 U
Acrolein	107-02-8	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	107-13-1	NS	-	NS	0.0040 U	0.0039 U	0.0057 U	0.0048 U	0.0036 U	0.0039 U	0.0042 U	0.0043 U	0.0042 U	0.004 U	0.0042 U	0.004 U	0.0038 U	0.0041 U	0.0035 U	0.004 U	0.0045 U	0.0062 U
Benzene	71-43-2	0.06	0.06	4.8	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.00024 J	0.00056 U	0.00077 U
Bromobenzene	108-86-1	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Bromochloromethane	74-97-5	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Bromodichloromethane	75-27-4	NS	-	NS	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
Bromoform	75-25-2	NS	-	NS	0.0040 U	0.0039 U	0.0057 U	0.0048 U	0.0036 U	0.0039 U	0.0042 U	0.0043 U	0.0042 U	0.004 U	0.0042 U	0.004 U	0.0038 U	0.0041 U	0.0035 U	0.004 U	0.0045 U	0.0062 U
Bromomethane	74-83-9	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Carbon disulfide	75-15-0	NS	-	NS	0.0099 U	0.0097 U	0.014 U	0.012 U	0.0091 U	0.0099 U	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.01 U	0.0087 U	0.01 U	0.011 U	0.015 U
Carbon tetrachloride	56-23-5	0.76	-	2.4	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Chlorobenzene	108-90-7	1.1	-	100	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
Chloroethane	75-00-3	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Chloroform	67-66-3	0.37	-	49	0.0002 J	0.00046 J	0.0021 U	0.0018 U	0.0014 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0015 U	0.0014 U	0.0015 U	0.0013 U	0.0015 U	0.0017 U	0.0023 U
Chloromethane	74-87-3	NS	-	NS	0.0040 U	0.0039 U	0.0057 U	0.0048 U	0.0036 U	0.0039 U	0.0042 U	0.0043 U	0.0042 U	0.004 U	0.0042 U	0.004 U	0.0038 U	0.0041 U	0.0035 U	0.004 U	0.0045 U	0.0062 U
cis-1,2-Dichloroethene	156-59-2	0.25	-	100	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
cis-1,3-Dichloropropene	10061-01-5	NS	-	NS	0.0005 U	0.00049 U	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
Cyclohexane	110-82-7	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Dibromochloromethane	124-48-1	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Dibromomethane	74-95-3	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Dichlorodifluoromethane	75-71-8	NS	-	NS	0.0099 U	0.0097 U	0.014 U	0.012 U	0.0091 U	0.0099 U	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.01 U	0.0087 U	0.01 U	0.011 U	0.015 U
Ethyl ether	60-29-7	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Ethylbenzene	100-41-4	1	1	41	0.0006 J	0.00097 U	0.00031 J	0.00082 J	0.00049 J	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Hexachlorobutadiene	87-68-3	NS	-	NS	0.0040 U	0.0039 U	0.0057 U	0.0048 U	0.0036 U	0.0039 U	0.0042 U	0.0043 U	0.0042 U	0.004 U	0.0042 U	0.004 U	0.0038 U	0.0041 U	0.0035 U	0.004 U	0.0045 U	0.0062 U
Isopropylbenzene	98-82-8	NS	2.3	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Methyl acetate	79-20-9	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methyl tert butyl ether	1634-04-4	0.93	-	100	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Methylcyclohexane	108-87-2	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene chloride	75-09-2	0.05	-	100	0.0050 U	0.0049 U	0.0071 U	0.006 U	0.0046 U	0.0049 U	0.0052 U	0.0054 U	0.0052 U	0.005 U	0.0053 U	0.005 U	0.0047 U	0.0051 U	0.0043 U	0.005 U	0.0056 U	0.0077 U
n-Butylbenzene	104-51-8	12	-	100	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
n-Propylbenzene	103-65-1	3.9	3.9	100	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Naphthalene	91-20-3	12	12	100	0.0040 U	0.0039 U	0.0057 U	0.0048 U	0.0036 U	0.0039 U	0.0022 J	0.0023 J	0.0022 J	0.004 U	0.0042 U	0.004 U	0.0038 U	0.0041 U	0.0035 U	0.004 U	0.0045 U	0.0062 U
o-Chlorotoluene	95-49-8	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
o-Xylene	95-47-6	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
p-Chlorotoluene	106-43-4	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
p-Diethylbenzene	105-05-5	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
p-Ethyltoluene	622-96-8	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
p-Isopropyltoluene	99-87-6	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00092 J	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
p/m-Xylene	179601-23-1	NS	-	NS	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
sec-Butylbenzene	135-98-8	11	-	100	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.0002 J	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Styrene	100-42-5	NS	-	NS	0.0002 J	0.00097 U	0.0014 U	0.00039 J	0.00067 J	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
tert-Butyl alcohol (TBA)	75-65-0	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	98-06-6	5.9	-	100	0.0020 U	0.0019 U	0.0028 U	0.0024 U	0.0018 U	0.00012 J	0.0021 U	0.0021 U	0.0021 U	0.002 U	0.0021 U	0.002 U	0.0019 U	0.002 U	0.0017 U	0.002 U	0.0022 U	0.0031 U
Tetrachloroethene	127-18-4	1.3	-	19	0.0008	0.0016	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
Toluene	108-88-3	0.7	-	100	0.0007 J	0.00097 U	0.00089 J	0.0012	0.0018	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.00054 J	0.0011 U	0.0015 U
trans-1,2-Dichloroethene	156-60-5	0.19	-	100	0.0015 U	0.0015 U	0.0021 U	0.0018 U	0.0014 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0016 U	0.0015 U	0.0014 U	0.0015 U	0.0013 U	0.0015 U	0.0017 U	0.0023 U
trans-1,3-Dichloropropene	10061-02-6	NS	-	NS	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
trans-1,4-Dichloro-2-butene	110-57-6	NS	-	NS	0.0050 U	0.0049 U	0.0071 U	0.006 U	0.0046 U	0.0049 U	0.0052 U	0.0054 U	0.0052 U	0.005 U	0.0053 U	0.005 U	0.0047 U	0.0051 U	0.0043 U	0.005 U	0.0056 U	0.0077 U
Trichloroethene	79-01-6	0.47	-	21	0.0005 U	0.0005	0.00071 U	0.0006 U	0.00046 U	0.00049 U	0.00052 U	0.00054 U	0.00052 U	0.0005 U	0.00053 U	0.0005 U	0.00047 U	0.00051 U	0.00043 U	0.0005 U	0.00056 U	0.00077 U
Trichlorofluoromethane	75-69-4	NS	-	NS	0.0040 U	0.0039 U	0.0057 U	0.0048 U	0.0036 U	0.0039 U	0.0042 U	0.0043 U	0.0042 U	0.004 U	0.0042 U	0.004 U	0.0038 U	0.0041 U	0.0035 U	0.004 U	0.0045 U	0.0062 U
Vinyl acetate	108-05-4	NS	-	NS	0.0099 U	0.0097 U	0.014 U	0.012 U	0.0091 U	0.0099 U	0.01 U	0.011 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0094 U	0.01 U	0.0087 U	0.01 U	0.011 U	0.015 U
Vinyl chloride	75-01-4	0.02	-	0.9	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U
Xylenes, Total	1330-20-7	0.26	1.6	100	0.0010 U	0.00097 U	0.0014 U	0.0012 U	0.00091 U	0.00099 U	0.001 U	0.0011 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.00094 U	0.001 U	0.00087 U	0.001 U	0.0011 U	0.0015 U

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 Protection of Groundwater of Soil Cleanup Objective Table 375-6.8b 12/06 - limited to VOCs that exceeded groundwater standards
(3) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted-Residential Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use SCOs
Shaded text denotes concentrations exceeding NYSDEC Protection of Groundwater SCOs
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use SCOs

Table 1
Soil VOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Protection of Groundwater (2)	NYSDEC SCOs Restricted Residential Use (3)	SB007 7-9' 3/1/2022 L2210848-06	SB007 18-20' 3/1/2022 L2210848-07	SB008 0-2' 3/1/2022 L2210848-09	SB008 2-4' 3/1/2022 L2210848-12	SB008 6-8' 3/1/2022 L2210848-10	SB008 12-14' 3/1/2022 L2210848-02	SB009 3-5' 3/1/2022 L2210848-32	SB009 5-7' 3/1/2022 L2211451-02	SB009 9-11' 3/1/2022 L2210848-31	SB010 0-2' 3/1/2022 L2210848-01	SB010 4-6' 3/1/2022 L2210848-25	SB010 8-10' 3/1/2022 L2210848-26	SB011 0-2' 3/1/2022 L2210848-21	SB011 6-8' 3/1/2022 L2210848-24	SB011 18-20' 3/1/2022 L2210848-23
Volatile Organic Compounds by EPA Method 8260 in mg/Kg																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	-	NS	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
1,1,1-Trichloroethane	71-55-6	0.68	-	100	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	-	NS	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,1,2-Trichloroethane	79-00-5	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,1-Dichloroethane	75-34-3	0.27	-	26	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,1-Dichloroethene	75-35-4	0.33	-	100	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,1-Dichloropropene	563-58-6	NS	-	NS	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
1,2,3-Trichlorobenzene	87-61-6	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,2,3-Trichloropropane	96-18-4	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	8.2	0.0026	0.00078 J	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.66 E	0.0018 U	0.00088 J	0.0022 U	0.00087 J	0.00066 J	16
1,2,4-Trichlorobenzene	120-82-1	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	13	0.011	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.0042	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0015 J	1.1 U
1,2-Dibromo-3-chloropropane	96-12-8	NS	-	NS	0.19 U	0.0029 U	0.0028 U	0.0034 U	0.0031 U	0.0028 U	0.0033 U	0.0042 U	0.003 U	0.0027 U	0.003 U	0.0034 U	0.0029 U	0.0034 U	1.6 U
1,2-Dibromoethane	106-93-4	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,2-Dichlorobenzene	95-50-1	1.1	-	100	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.0041	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,2-Dichloroethane	107-06-2	0.02	-	3.1	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,2-Dichloroethene, Total	540-59-0	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,2-Dichloropropane	78-87-5	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	52	5.5	0.0033	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.0023	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.00059 J	1.1 U
1,3-Dichlorobenzene	541-73-1	2.4	-	49	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.00053 J	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,3-Dichloropropane	142-28-9	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,3-Dichloropropene, Total	542-75-6	NS	-	NS	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
1,4-Dichlorobenzene	106-46-7	1.8	-	13	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.0038	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
1,4-Dioxane	123-91-1	0.1	-	13	5.1 U	0.078 U	0.074 U	0.091 U	0.084 U	0.075 U	0.088 U	0.11 U	0.08 U	0.072 U	0.081 U	0.09 U	0.077 U	0.092 U	43 U
2,2-Dichloropropane	594-20-7	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
2-Butanone	78-93-3	0.12	-	100	0.64 U	0.0098 U	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.014 U	0.026	0.009 U	0.01 U	0.011 U	0.0096 U	0.011 U	5.3 U
2-Chlorotoluene	95-49-8	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2-Hexanone	591-78-6	NS	-	NS	0.64 U	0.0098 U	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.014 U	0.0099 U	0.009 U	0.01 U	0.011 U	0.0096 U	0.011 U	5.3 U
4-Chlorotoluene	106-43-4	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4-Methyl-2-pentanone	108-10-1	NS	-	NS	0.64 U	0.0098 U	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.014 U	0.0099 U	0.009 U	0.01 U	0.011 U	0.0096 U	0.011 U	5.3 U
Acetone	67-64-1	0.05	-	100	0.64 U	0.0078 J	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.011 J	0.083	0.009 U	0.0077 J	0.0089 J	0.0096 U	0.015	5.3 U
Acrolein	107-02-8	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	107-13-1	NS	-	NS	0.25 U	0.0039 U	0.0037 U	0.0045 U	0.0042 U	0.0037 U	0.0044 U	0.0056 U	0.004 U	0.0036 U	0.004 U	0.0045 U	0.0038 U	0.0046 U	2.1 U
Benzene	71-43-2	0.06	0.06	4.8	0.032 U	0.00051	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.00067	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
Bromobenzene	108-86-1	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Bromochloromethane	74-97-5	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Bromodichloromethane	75-27-4	NS	-	NS	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
Bromoform	75-25-2	NS	-	NS	0.25 U	0.0039 U	0.0037 U	0.0045 U	0.0042 U	0.0037 U	0.0044 U	0.0056 U	0.004 U	0.0036 U	0.004 U	0.0045 U	0.0038 U	0.0046 U	2.1 U
Bromomethane	74-83-9	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Carbon disulfide	75-15-0	NS	-	NS	0.64 U	0.0098 U	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.014 U	0.0099 U	0.009 U	0.01 U	0.011 U	0.0096 U	0.011 U	5.3 U
Carbon tetrachloride	56-23-5	0.76	-	2.4	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
Chlorobenzene	108-90-7	1.1	-	100	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0041	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
Chloroethane	75-00-3	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Chloroform	67-66-3	0.37	-	49	0.096 U	0.0015 U	0.0014 U	0.0017 U	0.0016 U	0.0014 U	0.0016 U	0.0021 U	0.0015 U	0.0014 U	0.0015 U	0.0017 U	0.0014 U	0.0017 U	0.8 U
Chloromethane	74-87-3	NS	-	NS	0.25 U	0.0039 U	0.0037 U	0.0045 U	0.0042 U	0.0037 U	0.0044 U	0.0056 U	0.004 U	0.0036 U	0.004 U	0.0045 U	0.0038 U	0.0046 U	2.1 U
cis-1,2-Dichloroethene	156-59-2	0.25	-	100	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
cis-1,3-Dichloropropene	10061-01-5	NS	-	NS	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
Cyclohexane	110-82-7	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Dibromochloromethane	124-48-1	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
Dibromomethane	74-95-3	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Dichlorodifluoromethane	75-71-8	NS	-	NS	0.64 U	0.0098 U	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.014 U	0.0099 U	0.009 U	0.01 U	0.011 U	0.0096 U	0.011 U	5.3 U
Ethyl ether	60-29-7	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Ethylbenzene	100-41-4	1	1	41	0.68	0.0011	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.0013	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.00024 J	0.53 U
Hexachlorobutadiene	87-68-3	NS	-	NS	0.25 U	0.0039 U	0.0037 U	0.0045 U	0.0042 U	0.0037 U	0.0044 U	0.0056 U	0.004 U	0.0036 U	0.004 U	0.0045 U	0.0038 U	0.0046 U	2.1 U
Isopropylbenzene	98-82-8	NS	2.3	NS	0.61	0.00046 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.12	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	3.4
Methyl acetate	79-20-9	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methyl tert butyl ether	1634-04-4	0.93	-	100	0.13 U	0.0002 J	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
Methylcyclohexane	108-87-2	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene chloride	75-09-2	0.05	-	100	0.32 U	0.0049 U	0.0046 U	0.0057 U	0.0052 U	0.0047 U	0.0055 U	0.007 U	0.005 U	0.0045 U	0.0051 U	0.0056 U	0.0048 U	0.0057 U	2.7 U
n-Butylbenzene	104-51-8	12	-	100	2.3	0.00031 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.16	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.00025 J	7
n-Propylbenzene	103-65-1	3.9	3.9	100	1.4	0.00046 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.38 E	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	6.6
Naphthalene	91-20-3	12	12	100	15	0.014	0.002 J	0.0045 U	0.0042 U	0.0037 U	0.0044 U	0.0056 U	0.015	0.0036 U	0.0022 J	0.0024 J	0.0022 J	0.0035 J	0.89 J
o-Chlorotoluene	95-49-8	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
o-Xylene	95-47-6	NS	-	NS	0.68	0.00092 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00068 J	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.00037 J	0.53 U
p-Chlorotoluene	106-43-4	NS	-	NS	0.13 U	0.002 U	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.002 U	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
p-Diethylbenzene	105-05-5	NS	-	NS	1.7	0.0004 J	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.2	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.00039 J	3.6
p-Ethyltoluene	622-96-8	NS	-	NS	7.5	0.0054	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.01	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.00089 J	1.1 U
p-Isopropyltoluene	99-87-6	NS	-	NS	1.9	0.00058 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.0024	0.0009 U	0.00066 J	0.0011 U	0.00096 U	0.00012 J	0.53 U
p/m-Xylene	179601-23-1	NS	-	NS	1.9	0.0061	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.0054	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	1.1 U
sec-Butylbenzene	135-98-8	11	-	100	1.9	0.00075 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.074	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.00022 J	6
Styrene	100-42-5	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.0006 J	0.0011 U	0.53 U
tert-Butyl alcohol (TBA)	75-65-0	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	98-06-6	5.9	-	100	0.22	0.00012 J	0.0018 U	0.0023 U	0.0021 U	0.0019 U	0.0022 U	0.0028 U	0.007	0.0018 U	0.002 U	0.0022 U	0.0019 U	0.0023 U	0.66 J
Tetrachloroethene	127-18-4	1.3	-	19	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
Toluene	108-88-3	0.7	-	100	0.065	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.0007 J	0.0009 U	0.00063 J	0.0011 U	0.00096 U	0.0011 U	0.53 U
trans-1,2-Dichloroethene	156-60-5	0.19	-	100	0.096 U	0.0015 U	0.0014 U	0.0017 U	0.0016 U	0.0014 U	0.0016 U	0.0021 U	0.0015 U	0.0014 U	0.0015 U	0.0017 U	0.0014 U	0.0017 U	0.8 U
trans-1,3-Dichloropropene	10061-02-6	NS	-	NS	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
trans-1,4-Dichloro-2-butene	110-57-6	NS	-	NS	0.32 U	0.0049 U	0.0046 U	0.0057 U	0.0052 U	0.0047 U	0.0055 U	0.007 U	0.005 U	0.0045 U	0.0051 U	0.0056 U	0.0048 U	0.0057 U	2.7 U
Trichloroethene	79-01-6	0.47	-	21	0.032 U	0.00049 U	0.00046 U	0.00057 U	0.00052 U	0.00047 U	0.00055 U	0.0007 U	0.0005 U	0.00045 U	0.00051 U	0.00056 U	0.00048 U	0.00057 U	0.27 U
Trichlorofluoromethane	75-69-4	NS	-	NS	0.25 U	0.0039 U	0.0037 U	0.0045 U	0.0042 U	0.0037 U	0.0044 U	0.0056 U	0.004 U	0.0036 U	0.004 U	0.0045 U	0.0038 U	0.0046 U	2.1 U
Vinyl acetate	108-05-4	NS	-	NS	0.64 U	0.0098 U	0.0092 U	0.011 U	0.01 U	0.0094 U	0.011 U	0.014 U	0.0099 U	0.009 U	0.01 U	0.011 U	0.0096 U	0.011 U	5.3 U
Vinyl chloride	75-01-4	0.02	-	0.9	0.064 U	0.00098 U	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.00099 U	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.0011 U	0.53 U
Xylenes, Total	1330-20-7	0.26	1.6	100	2.6	0.007 J	0.00092 U	0.0011 U	0.001 U	0.00094 U	0.0011 U	0.0014 U	0.0061 J	0.0009 U	0.001 U	0.0011 U	0.00096 U	0.00037 J	0.53 U

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 Protection of Groundwater of Soil Cleanup Objective Table 375-6.8b 1
(3) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted-Residential Use of Soil Cleanup Objective Table 375-6.8b 12
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use SCOs
Shaded text denotes concentrations exceeding NYSDEC Protection of Groundwater SCOs
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use SCOs

Table 1
Soil VOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Protection of Groundwater (2)	NYSDEC SCOs Restricted Residential Use (3)	SB012 6'-8' 8/3/2022 22H0308-02	SB012 8'-10' 8/3/2022 22H0308-03	SB013 6'-8' 8/3/2022 22H0308-04	SB014 2'-4' 8/3/2022 22H0308-14	SB014 4'-6' 8/3/2022 22H0308-15	SB015 10'-12' 8/3/2022 22H0308-17	SB016 10'-12' 8/3/2022 22H0308-16	SB017 3'-5' 8/3/2022 22H0308-13	SB017 5'-7' 8/3/2022 22H0306-03	SB018 3'-5' 8/3/2022 22H0308-10	SB018 5'-7' 8/3/2022 22H0308-11	SB019 17'-19' 8/3/2022 22H0308-08	SB020 8'-10' 8/3/2022 22H0308-09	SB021 13'-15' 8/3/2022 22H0308-07	SB022 8'-10' 8/3/2022 22H0308-06	SB023 8'-10' 8/3/2022 22H0308-05	SB024 5'-7' 8/3/2022 22H0308-01	SB024 13'-15' 8/3/2022 22H0306-01	SB024 15'-17' 8/3/2022 22H0306-02
Volatile Organic Compounds by EPA Method 8260 in mg/Kg																								
1,1,1,2-Tetrachloroethane	630-20-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1,1-Trichloroethane	71-55-6	0.68	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1,2-Trichloroethane	79-00-5	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1-Dichloroethane	75-34-3	0.27	-	26	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1-Dichloroethene	75-35-4	0.33	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,1-Dichloropropene	563-58-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2,3-Trichlorobenzene	87-61-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2,3-Trichloropropane	96-18-4	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trichlorobenzene	120-82-1	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	5	0.0025 U	36	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2-Dibromo-3-chloropropane	96-12-8	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2-Dibromoethane	106-93-4	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2-Dichlorobenzene	95-50-1	1.1	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2-Dichloroethane	107-06-2	0.02	-	3.1	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,2-Dichloroethene, Total	540-59-0	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dichloropropane	78-87-5	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	52	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	2.3	0.0025 U	11	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,3-Dichlorobenzene	541-73-1	2.4	-	49	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,3-Dichloropropane	142-28-9	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,3-Dichloropropene, Total	542-75-6	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,4-Dichlorobenzene	106-46-7	1.8	-	13	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
1,4-Dioxane	123-91-1	0.1	-	13	0.05 U	0.054 U	0.047 U	0.039 U	0.045 U	0.058 U	0.045 U	0.049 U	0.053 U	0.044 U	0.053 U	5.5 U	0.05 U	4.2 U	0.037 U	0.051 U	0.054 U	0.058 U	0.055 U
2,2-Dichloropropane	594-20-7	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
2-Butanone	78-93-3	0.12	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0043 J	0.0029 U	0.0028 U
2-Chlorotoluene	95-49-8	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
2-Hexanone	591-78-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
4-Chlorotoluene	106-43-4	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
4-Methyl-2-pentanone	108-10-1	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Acetone	67-64-1	0.05	-	100	0.005 U	0.0054 U	0.0047 U	0.0039 U	0.0045 U	0.0058 U	0.0045 U	0.0049 U	0.0053 U	0.0044 U	0.0053 U	0.55 U	0.005 U	0.42 U	0.0037 U	0.0051 U	0.014	0.013	0.0065 J
Acrolein	107-02-8	NS	-	NS	0.005 U	0.0054 U	0.0047 U	0.0039 U	0.0045 U	0.0058 U	0.0045 U	0.0049 U	0.0053 U	0.0044 U	0.0053 U	0.55 U	0.005 U	0.42 U	0.0037 U	0.0051 U	0.0054 U	0.0058 U	0.0055 U
Acrylonitrile	107-13-1	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Benzene	71-43-2	0.06	0.06	4.8	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Bromobenzene	108-86-1	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Bromochloromethane	74-97-5	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Bromodichloromethane	75-27-4	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Bromoform	75-25-2	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Bromomethane	74-83-9	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Carbon disulfide	75-15-0	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Carbon tetrachloride	56-23-5	0.76	-	2.4	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Chlorobenzene	108-90-7	1.1	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Chloroethane	75-00-3	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Chloroform	67-66-3	0.37	-	49	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Chloromethane	74-87-3	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
cis-1,2-Dichloroethene	156-59-2	0.25	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
cis-1,3-Dichloropropene	10061-01-5	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Cyclohexane	110-82-7	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0038 J	0.0028 U
Dibromochloromethane	124-48-1	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Dibromomethane	74-95-3	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Dichlorodifluoromethane	75-71-8	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Ethyl ether	60-29-7	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	100-41-4	1	1	41	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	2.9	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Hexachlorobutadiene	87-68-3	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Isopropylbenzene	98-82-8	NS	2.3	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	2	0.0019 U	0.0026 U	0.0027 U	0.052	0.006
Methyl acetate	79-20-9	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0023 J	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Methyl tert butyl ether	1634-04-4	0.93	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Methylcyclohexane	108-87-2	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	1.8	0.0019 U	0.0026 U	0.0027 U	0.019	0.0044 J
Methylene chloride	75-09-2	0.05	-	100	0.005 U	0.0054 U	0.024	0.0039 U	0.0045 U	0.0058 U	0.0052 J	0.0065 J	0.0053 J	0.0044 U	0.0053 J	0.55 U	0.005 U	0.42 U	0.0043 J	0.0078 J	0.018	0.0058 U	0.0055 U
n-Butylbenzene	104-51-8	12	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	1.9	0.0025 U	6.1	0.0019 U	0.0026 U	0.031	0.18	0.019
n-Propylbenzene	103-65-1	3.9	3.9	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.33 J	0.0025 U	4.4	0.0019 U	0.0026 U	0.0056	0.098	0.011
Naphthalene	91-20-3	12	12	100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Chlorotoluene	95-49-8	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
o-Xylene	95-47-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	5.3	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
p-Chlorotoluene	106-43-4	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Diethylbenzene	105-05-5	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Ethyltoluene	622-96-8	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	99-87-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	1.3	0.0025 U	3.8	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
p/m-Xylene	179601-23-1	NS	-	NS	0.005 U	0.0054 U	0.0047 U	0.0039 U	0.0045 U	0.0058 U	0.0045 U	0.0049 U	0.0053 U	0.0044 U	0.0053 U	0.55 U	0.005 U	9.8	0.0037 U	0.0051 U	0.0054 U	0.0058 U	0.0055 U
sec-Butylbenzene	135-98-8	11	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.82	0.0025 U	4.9	0.0019 U	0.0026 U	0.029	0.2	0.021
Styrene	100-42-5	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
tert-Butyl alcohol (TBA)	75-65-0	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
tert-Butylbenzene	98-06-6	5.9	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.25	0.0019 U	0.0026 U	0.0027 U	0.021	0.0028 U
Tetrachloroethene	127-18-4	1.3	-	19	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Toluene	108-88-3	0.7	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
trans-1,2-Dichloroethene	156-60-5	0.19	-	100	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
trans-1,3-Dichloropropene	10061-02-6	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
trans-1,4-Dichloro-2-butene	110-57-6	NS	-	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethene	79-01-6	0.47	-	21	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Trichlorofluoromethane	75-69-4	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Vinyl acetate	108-05-4	NS	-	NS	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Vinyl chloride	75-01-4	0.02	-	0.9	0.0025 U	0.0027 U	0.0023 U	0.0019 U	0.0022 U	0.0029 U	0.0022 U	0.0025 U	0.0026 U	0.0022 U	0.0026 U	0.28 U	0.0025 U	0.21 U	0.0019 U	0.0026 U	0.0027 U	0.0029 U	0.0028 U
Xylenes, Total	1330-20-7	0.26	1.6	100	0.0074 U	0.0081 U	0.007 U	0.0058 U	0.0067 U	0.0087 U	0.0067 U	0.0074 U	0.0079 U	0.0066 U	0.0079 U	0.83 U	0.0075 U	15	0.0056 U	0.0077 U	0.0081 U	0.0087 U	0.0083 U

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 Protection of Groundwater of Soil Cleanup Objective Table 375-6.8b 1
(3) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted-Residential Use of Soil Cleanup Objective Table 375-6.8b 12
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use SCOs
Shaded text denotes concentrations exceeding NYSDEC Protection of Groundwater SCOs
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use SCOs

Table 2
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB001	SB001	SB001	SB001	SB002	SB002	SB002	SB003	SB003	SB003	SB003	SB004	SB004	SB005	SB005	SB005	SB005	SB005
Sample Depth:				0-2'	0-2'	4-6'	4-6'	2-4'	6-8'	18-20'	3-5'	9-11'	15-17'	20-22'	2-4'	6-8'	0-2	0-2'	8-10'	12-14'	15-17'
Sampling Date:				3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:				L2210848-14	L2210848-14R1	L2210848-15	L2210848-15R1	L2210848-30	L2210848-17	L2210848-19	L2210848-22	L2210848-27	L2210848-20	L2210848-28	L2210848-18	L2211451-03	L2210848-13	L2210848-13R1	L2210848-16	L2210848-29	L2211451-01
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																					
1,1-Biphenyl	92-52-4	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dioxane	123-91-1	0.1	13	0.026 U	0.026 U	0.027 U	0.027 U	0.028 U	0.029 U	0.026 U	0.028 U	0.029 U	0.025 U	0.027 U	0.028 U	0.03 U	0.028 U	0.028 U	0.027 U	0.028 U	0.027 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.1 U	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.1 U	0.12 U	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.83 U	0.82 U	0.88 U	0.88 U	0.9 U	0.93 U	0.85 U	0.9 U	0.92 U	0.81 U	0.87 U	0.9 U	0.96 U	0.89 U	0.89 U	0.87 U	0.88 U	0.87 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	95-57-8	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	0.21 U	0.2 U	0.061 J	0.026 J	0.23 U	0.23 U	0.21 U	0.24	0.11 J	0.2 U	0.22 U	0.22 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-Methylphenol	95-48-7	0.33	100	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitroaniline	88-74-4	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitrophenol	88-75-5	NS	NS	0.37 U	0.37 U	0.4 U	0.39 U	0.41 U	0.42 U	0.38 U	0.4 U	0.42 U	0.37 U	0.39 U	0.4 U	0.43 U	0.4 U	0.4 U	0.39 U	0.4 U	0.39 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.25 U	0.25 U	0.26 U	0.26 U	0.27 U	0.28 U	0.26 U	0.04 J	0.28 U	0.24 U	0.26 U	0.27 U	0.29 U	0.27 U	0.27 U	0.26 U	0.26 U	0.26 U
3-Nitroaniline	99-09-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.45 U	0.44 U	0.48 U	0.48 U	0.49 U	0.5 U	0.46 U	0.49 U	0.5 U	0.44 U	0.47 U	0.48 U	0.52 U	0.48 U	0.48 U	0.47 U	0.48 U	0.47 U
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloro-3-methylphenol	59-50-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4-Chloroaniline	106-47-8	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitroaniline	100-01-6	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	100-02-7	NS	NS	0.24 U	0.24 U	0.26 U	0.26 U	0.27 U	0.28 U	0.25 U	0.26 U	0.27 U	0.24 U	0.25 U	0.26 U	0.28 U	0.26 U	0.26 U	0.25 U	0.26 U	0.25 U
Acenaphthene	83-32-9	20	100	0.14 U	0.14 U	0.15	0.057 J	0.028 J	0.15 U	0.14 U	0.45	0.085 J	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Acenaphthylene	208-96-8	100	100	0.14 U	0.14 U	0.083 J	0.06 J	0.11 J	0.15 U	0.14 U	0.1 J	0.1 J	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Acetophenone	98-86-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.034 J	0.1 U	0.4	0.16	0.14	0.12 U	0.11 U	1.4	0.37	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.1	0.11	0.91	0.45	0.7	0.12 U	0.11 U	3.1	0.93	0.1 U	0.11 U	0.021 J	0.12 U	0.15	0.098 J	0.041 J	0.11 U	0.11 U
Benzo(a)pyrene	50-32-8	1	1	0.089 J	0.1 J	1.1	0.63	0.83	0.15 U	0.14 U	2.9	0.9	0.14 U	0.14 U	0.15 U	0.16 U	0.15	0.1 J	0.14 U	0.15 U	0.14 U
Benzo(b)fluoranthene	205-99-2	1	1	0.1	0.13	1	0.53	0.99	0.12 U	0.11 U	3.5	1.2	0.1 U	0.11 U	0.11 U	0.12 U	0.19	0.12	0.04 J	0.11 U	0.11 U
Benzo(ghi)perylene	191-24-2	100	100	0.059 J	0.083 J	0.8	0.67	0.73	0.15 U	0.14 U	1.8	0.62	0.14 U	0.14 U	0.15 U	0.16 U	0.16	0.068 J	0.03 J	0.15 U	0.14 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.046 J	0.039 J	0.28	0.17	0.25	0.12 U	0.11 U	0.9	0.33	0.1 U	0.11 U	0.11 U	0.12 U	0.058 J	0.042 J	0.11 U	0.11 U	0.11 U
Benzoic Acid	65-85-0	NS	NS	0.56 U	0.56 U	0.59 U	0.59 U	0.61 U	0.63 U	0.57 U	0.61 U	0.62 U	0.55 U	0.58 U	0.6 U	0.64 U	0.6 U	0.6 U	0.59 U	0.59 U	0.59 U
Benzyl Alcohol	100-51-6	NS	NS	0.17 U	0.052 J	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Biphenyl	92-52-4	NS	NS	0.4 U	0.39 U	0.42 U	0.42 U	0.43 U	0.44 U	0.4 U	0.067 J	0.038 J	0.39 U	0.41 U	0.43 U	0.45 U	0.42 U	0.42 U	0.41 U	0.42 U	0.42 U
Benzyl butyl phthalate	85-68-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.21 U	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U	0.2 U	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.21 U	0.2 U	0.22 U	0.22 U	0.23 U	0.23 U	0.21 U	0.22 U	0.23 U	0.2 U	0.22 U	0.22 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.61	0.26	0.19	0.096 J	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.48	0.44	0.28	0.16 J	0.19 U	0.19 U	0.18 U	0.19 U	0.2	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.094 J	0.18 U	0.18 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.17 U	0.17 U	0.15 J	0.062 J	0.064 J	0.19 U	0.18 U	0.66	0.19	0.17 U	0.18 U	0.19 U	0.2 U	0.019 J	0.18 U	0.18 U	0.18 U	0.18 U
Chrysene	218-01-9	1	3.9	0.1	0.092 J	0.95	0.5	0.72	0.12 U	0.11 U	2.8	0.85	0.1 U	0.11 U	0.019 J	0.12 U	0.16	0.099 J	0.037 J	0.11 U	0.11 U
Di-n-butylphthalate	84-74-2	NS	NS	0.11 J	0.078 J	0.045 J	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-n-octylphthalate	117-84-0	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.1 U	0.1 U	0.15	0.096 J	0.23	0.12 U	0.11 U	0.39	0.14	0.1 U	0.11 U	0.11 U	0.12 U	0.032 J	0.11 U	0.11 U	0.11 U	0.11 U
Dibenzofuran	132-64-9	7	59	0.17 U	0.17 U	0.1 J	0.041 J	0.028 J	0.19 U	0.18 U	0.46	0.11 J	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Diethyl phthalate	84-66-2	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dimethyl phthalate	131-11-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.063 J	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-n-butyl phthalate	84-74-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Di-n-octyl phthalate	117-84-0	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	100	100	0.17	0.18	1.5	0.82	1.3	0.12 U	0.11 U	5.7	1.8	0.1 U	0.11 U	0.029 J	0.12 U	0.24	0.21	0.069 J	0.11 U	0.11 U
Fluorene	86-73-7	30	100	0.17 U	0.17 U	0.11 J	0.053 J	0.033 J	0.19 U	0.18 U	0.65	0.14 J	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorobenzene	118-74-1	0.33	1.2	0.1 U	0.1 U	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U	0.1 U	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.5 U	0.49 U	0.52 U	0.52 U	0.54 U	0.55 U	0.51 U	0.54 U	0.55 U	0.48 U	0.52 U	0.53 U	0.57 U	0.53 U	0.53 U	0.52 U	0.52 U	0.52 U
Hexachloroethane	67-72-1	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.048 J	0.07 J	0.55	0.32	0.67	0.15 U	0.14 U	1.9	0.74	0.14 U	0.14 U	0.15 U	0.16 U	0.14 J	0.078 J	0.14 U	0.15 U	0.14 U
Isophorone	78-59-1	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Naphthalene	91-20-3	12	100	0.17 U	0.17 U	0.12 J	0.042 J	0.052 J	0.19 U	0.18 U	0.32	0.12 J	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
NDPA/DPA	86-30-6	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Nitrobenzene	98-95-3	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.15 U	0.16 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
N-nitroso-di-n-propylamine	621-64-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	86-30-6	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U
Phenanthrene	85-01-8	100	100	0.13	0.096 J	1.4	0.58	0.55	0.12 U	0.11 U	5.7	1.4	0.1 U	0.11 U	0.026 J	0.12 U	0.13	0.13	0.063 J	0.11 U	0.11 U
Phenol	108-95-2	0.33	100	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Pyrene	129-00-0	100	100	0.16	0.17	1.4	0.72	1.2	0.12 U	0.11 U	5.1	1.5	0.1 U	0.11 U	0.025 J	0.12 U	0.2	0.18	0.058 J	0.11 U	0.11 U
Pyridine	110-86-1	100	100	0.16	0.17	1.4	0.72	1.2	0.12 U	0.11 U	5.1	1.5	0.1 U	0.11 U	0.025 J	0.12 U	0.2	0.18	0.058 J	0.11 U	0.11 U

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 Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID:		NYSDEC SCOs	NYSDEC SCOs	SB006	SB006	SB007	SB007	SB007	SB008	SB008	SB008	SB008	SB009	SB009	SB009	SB010	SB010	SB010	SB011	SB011	SB011
Sample Depth:	CAS Number	Unrestricted Use	Restricted Residential	3-4'	4-6'	3-5'	7-9'	18-20'	0-2'	2-4'	6-8'	12-14'	3-5'	5-7'	9-11'	0-2'	4-6'	8-10'	0-2'	6-8'	18-20'
Sampling Date:			Use (2)	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022	3/1/2022
Lab Sample ID:				L2210848-04	L2210848-03	L2210848-05	L2210848-06	L2210848-07	L2210848-09	L2210848-12	L2210848-10	L2210848-02	L2210848-32	L2211451-02	L2210848-31	L2210848-01	L2210848-25	L2210848-26	L2210848-21	L2210848-24	L2210848-23
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																					
1,1-Biphenyl	92-52-4	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	541-73-1	2.4	49	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
1,4-Dioxane	123-91-1	0.1	13	0.027 U	0.027 U	0.028 U	0.14 U	0.027 U	0.027 U	0.028 U	0.028 U	0.028 U	0.026 U	0.028 U	0.029 U	0.027 U	0.027 U	0.028 U	0.14 U	0.029 U	0.27 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.57 U	0.12 U	1.1 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.85 U	0.86 U	0.89 U	4.6 U	0.88 U	0.85 U	0.89 U	0.91 U	0.9 U	0.84 U	0.89 U	0.93 U	0.86 U	0.86 U	0.89 U	4.5 U	0.94 U	8.8 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Chloronaphthalene	91-58-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Chlorophenol	95-57-8	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Methylnaphthalene	91-57-6	NS	NS	0.21 U	0.21 U	0.22 U	29	6.8	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	1.1 U	1.4	54
2-Methylphenol	95-48-7	0.33	100	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Nitroaniline	88-74-4	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
2-Nitrophenol	88-75-5	NS	NS	0.38 U	0.39 U	0.4 U	2.1 U	0.4 U	0.38 U	0.4 U	0.41 U	0.4 U	0.38 U	0.4 U	0.42 U	0.39 U	0.39 U	0.4 U	2 U	0.42 U	3.9 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.26 U	0.26 U	0.27 U	1.4 U	0.26 U	0.26 U	0.27 U	0.27 U	0.27 U	0.25 U	0.27 U	0.28 U	0.26 U	0.26 U	0.27 U	1.4 U	0.28 U	2.6 U
3-Nitroaniline	99-09-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.46 U	0.46 U	0.48 U	2.5 U	0.48 U	0.46 U	0.48 U	0.49 U	0.49 U	0.46 U	0.48 U	0.5 U	0.47 U	0.47 U	0.48 U	2.4 U	0.51 U	4.7 U
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Chloro-3-methylphenol	59-50-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4-Chloroaniline	106-47-8	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Nitroaniline	100-01-6	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
4-Nitrophenol	100-02-7	NS	NS	0.25 U	0.25 U	0.26 U	1.3 U	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U	0.25 U	0.26 U	0.27 U	0.25 U	0.25 U	0.26 U	1.3 U	0.28 U	2.6 U
Acenaphthene	83-32-9	20	100	0.14 U	0.14 U	0.15 U	1.7	0.32	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.024 J	0.045 J	0.15 U	0.76 U	0.2	1.9
Acenaphthylene	208-96-8	100	100	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.067 J	0.15 U	0.76 U	0.16 U	1.5 U
Acetophenone	98-86-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Aniline	62-53-3	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	100	100	0.11 U	0.11 U	0.11 U	0.62	0.094 J	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.12 U	0.07 J	0.2	0.11 U	0.57 U	0.12	0.86 J
Atrazine	1912-24-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzaldehyde	100-52-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzidine	92-87-5	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	1	1	0.029 J	0.11 U	0.11 U	0.58 U	0.11 U	0.028 J	0.11 U	0.11 U	0.11 U	0.12	0.11 U	0.12 U	0.3	0.73	0.049 J	0.55 J	0.12 U	1.1 U
Benzo(a)pyrene	50-32-8	1	1	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.15	0.15 U	0.16 U	0.36	0.73	0.079 J	0.52 J	0.16 U	1.5 U
Benzo(b)fluoranthene	205-99-2	1	1	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.032 J	0.11 U	0.11 U	0.11 U	0.18	0.11 U	0.12 U	0.46	0.84	0.093 J	0.98	0.12 U	1.1 U
Benzo(ghi)perylene	191-24-2	100	100	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.1 J	0.15 U	0.16 U	0.33	0.49	0.088 J	0.47 J	0.16 U	1.5 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.063 J	0.11 U	0.12 U	0.16	0.28	0.11 U	0.3 J	0.12 U	1.1 U
Benzoic Acid	65-85-0	NS	NS	0.58 U	0.58 U	0.6 U	3.1 U	0.59 U	0.57 U	0.6 U	0.61 U	0.61 U	0.57 U	0.6 U	0.63 U	0.58 U	0.58 U	0.6 U	3 U	0.64 U	5.9 U
Benzyl Alcohol	100-51-6	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Biphenyl	92-52-4	NS	NS	0.4 U	0.41 U	0.42 U	1.9 J	0.44	0.4 U	0.42 U	0.43 U	0.43 U	0.4 U	0.42 U	0.44 U	0.41 U	0.41 U	0.42 U	2.2 U	0.45 U	4.2 U
Benzyl butyl phthalate	85-68-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.19 U	0.19 U	0.2 U	1 U	0.2 U	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	0.19 U	0.2 U	1 U	0.21 U	2 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.21 U	0.21 U	0.22 U	1.2 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U	1.1 U	0.24 U	2.2 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.072 J	0.089 J	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Caprolactam	105-60-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbazole	86-74-8	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.045 J	0.11 J	0.19 U	0.13 J	0.2 U	1.8 U
Chrysene	218-01-9	1	3.9	0.024 J	0.11 U	0.11 U	0.58 U	0.11 U	0.032 J	0.11 U	0.11 U	0.11 U	0.11	0.11 U	0.12 U	0.37	0.67	0.052 J	1	0.12 U	1.1 U
Di-n-butylphthalate	84-74-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Di-n-octylphthalate	117-84-0	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.022 J	0.11 U	0.12 U	0.058 J	0.08 J	0.11 U	0.12 J	0.12 U	1.1 U
Dibenzofuran	132-64-9	7	59	0.18 U	0.18 U	0.18 U	1.2	0.23	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.026 J	0.19 U	0.94 U	0.2 U	2.3
Diethyl phthalate	84-66-2	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Dimethyl phthalate	131-11-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Di-n-butyl phthalate	84-74-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Di-n-octyl phthalate	117-84-0	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	100	100	0.056 J	0.11 U	0.11 U	0.13 J	0.11 U	0.061 J	0.11 U	0.11 U	0.11 U	0.17	0.11 U	0.12 U	0.7	1.8	0.08 J	1.5	0.032 J	1.1 U
Fluorene	86-73-7	30	100	0.18 U	0.18 U	0.18 U	3.1	0.52	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.02 J	0.056 J	0.19 U	0.94 U	0.42	3.8
Hexachlorobenzene	118-74-1	0.33	1.2	0.11 U	0.11 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.57 U	0.12 U	1.1 U
Hexachlorobutadiene	87-68-3	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.51 U	0.51 U	0.53 U	2.7 U	0.52 U	0.51 U	0.53 U	0.54 U	0.54 U	0.5 U	0.53 U	0.56 U	0.51 U	0.51 U	0.53 U	2.7 U	0.56 U	5.2 U
Hexachloroethane	67-72-1	NS	NS	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.14 U	0.15 U	0.76 U	0.16 U	1.5 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.12 J	0.15 U	0.16 U	0.31	0.56	0.08 J	0.53 J	0.16 U	1.5 U
Isophorone	78-59-1	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Naphthalene	91-20-3	12	100	0.18 U	0.18 U	0.18 U	5.2	1.5	0.18 U	0.18 U	0.19 U	0.19 U	0.021 J	0.19 U	0.19 U	0.025 J	0.022 J	0.19 U	0.94 U	0.076 J	0.7 J
NDPA/DPA	86-30-6	NS	NS	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.14 U	0.15 U	0.76 U	0.16 U	1.5 U
Nitrobenzene	98-95-3	NS	NS	0.16 U	0.16 U	0.17 U	0.86 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.17 U	0.85 U	0.18 U	1.6 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
N-Nitrosodimethylamine	62-75-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
N-nitroso-di-n-propylamine	621-64-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodiphenylamine	86-30-6	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pentachlorophenol	87-86-5	0.8	6.7	0.14 U	0.14 U	0.15 U	0.77 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	0.14 U	0.15 U	0.76 U	0.16 U	1.5 U
Phenanthrene	85-01-8	100	100	0.041 J	0.11 U	0.11 U	4.8	0.94	0.042 J	0.11 U	0.11 U	0.11 U	0.052 J	0.11 U	0.12 U	0.36	1.1	0.045 J	1.1	0.69	8.3
Phenol	108-95-2	0.33	100	0.18 U	0.18 U	0.18 U	0.96 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.19 U	0.94 U	0.2 U	1.8 U
Pyrene	129-00-0	100	100	0.047 J	0.11 U	0.11 U	0.53 J	0.059 J	0.052 J	0.11 U	0.11 U	0.11 U	0.16	0.11 U	0.12 U	0.6	1.6	0.08 J	1.2	0.031 J	0.53 J
Pyridine	110-86-1	100	100	0.047 J	0.11 U	0.11 U	0.53 J	0.059 J	0.052 J	0.11 U	0.11 U	0.11 U	0.16	0.11 U	0.12 U	0.6	1.6	0.08 J	1.2	0.031 J	0.53 J

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objec
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrun
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil SVOC Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB012 6'-8' 8/3/2022 22H0308-02	SB012 8'-10' 8/3/2022 22H0308-03	SB013 6'-8' 8/3/2022 22H0308-04	SB014 2'-4' 8/3/2022 22H0308-14	SB014 4'-6' 8/3/2022 22H0308-15	SB015 10'-12' 8/3/2022 22H0308-17	SB016 10'-12' 8/3/2022 22H0308-16	SB017 3'-5' 8/3/2022 22H0308-13	SB017 5'-7' 8/3/2022 22H0306-03	SB018 3'-5' 8/3/2022 22H0308-10	SB018 5'-7' 8/3/2022 22H0308-11	SB019 17'-19' 8/3/2022 22H0308-08	SB020 8'-10' 8/3/2022 22H0308-09	SB021 13'-15' 8/3/2022 22H0308-07	SB022 8'-10' 8/3/2022 22H0308-06	SB023 8'-10' 8/3/2022 22H0308-05	SB024 5'-7' 8/3/2022 22H0308-01	SB024 13'-15' 8/3/2022 22H0306-01	SB024 15'-17' 8/3/2022 22H0306-02
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																								
1,1-Biphenyl	92-52-4	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
1,4-Dioxane	123-91-1	0.1	13	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2-Chloronaphthalene	91-58-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.109 D	0.0489 U	0.479 D	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2-Chlorophenol	95-57-8	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2-Methylnaphthalene	91-57-6	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	19.200 D	0.0489 U	23.600 D	0.0459 U	0.0479 U	0.0466 U	16.200 D	2.390 D
2-Methylphenol	95-48-7	0.33	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
2-Nitroaniline	88-74-4	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
2-Nitrophenol	88-75-5	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
3-Nitroaniline	99-09-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
4-Chloro-3-methylphenol	59-50-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
4-Chloroaniline	106-47-8	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
4-Nitroaniline	100-01-6	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
4-Nitrophenol	100-02-7	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
Acenaphthene	83-32-9	20	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	1.100 D	0.0489 U	0.827 D	0.0459 U	0.0479 U	0.324 D	1.270 D	0.143 D
Acenaphthylene	208-96-8	100	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.324 D	0.0489 U	0.434 D	0.0459 U	0.0479 U	0.142 D	0.0450 U	0.0437 U
Acetophenone	98-86-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Aniline	62-53-3	NS	NS	0.173 U	0.175 U	0.175 U	0.187 U	0.186 U	0.205 U	0.185 U	0.181 U	0.190 U	0.180 U	0.180 U	0.175 U	0.195 U	0.177 U	0.184 U	0.191 U	0.186 U	0.180 U	0.174 U
Anthracene	120-12-7	100	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.270 D	0.0489 U	0.381 D	0.0459 U	0.0479 U	0.263 D	0.634 D	0.0780 JD
Atrazine	1912-24-9	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzaldehyde	100-52-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzidine	92-87-5	NS	NS	0.173 U	0.175 U	0.175 U	0.187 U	0.186 U	0.205 U	0.185 U	0.181 U	0.190 U	0.180 U	0.180 U	0.175 U	0.195 U	0.177 U	0.184 U	0.191 U	0.186 U	0.180 U	0.174 U
Benzo(a)anthracene	56-55-3	1	1	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.168 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzo(a)pyrene	50-32-8	1	1	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0968 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzo(b)fluoranthene	205-99-2	1	1	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.133 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzo(ghi)perylene	191-24-2	100	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.105 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.120 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzoic Acid	65-85-0	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Benzyl Alcohol	100-51-6	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Biphenyl	92-52-4	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Benzyl butyl phthalate	85-68-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Butyl benzyl phthalate	85-68-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Caprolactam	105-60-2	NS	NS	0.0863 U	0.0874 U	0.0874 U	0.0936 U	0.0931 U	0.102 U	0.0926 U	0.0904 U	0.0950 U	0.0899 U	0.0899 U	0.0872 U	0.0975 U	0.0885 U	0.0916 U	0.0955 U	0.0931 U	0.0898 U	0.0871 U
Carbazole	86-74-8	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.139 D	0.0489 U	0.0884 JD	0.0459 U	0.0479 U	0.0476 JD	0.116 D	0.0437 U
Chrysene	218-01-9	1	3.9	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.173 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Di-n-butylphthalate	84-74-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Di-n-octylphthalate	117-84-0	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Dibenzofuran	132-64-9	7	59	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	1.540 D	0.212 D
Diethyl phthalate	84-66-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Dimethyl phthalate	131-11-3	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Di-n-butyl phthalate	84-74-2	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Di-n-octyl phthalate	117-84-0	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Fluoranthene	206-44-0	100	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.199 D	0.0476 U	0.0661 JD	0.0451 U	0.0437 U	0.0489 U	0.0672 JD	0.0459 U	0.0479 U	0.109 D	0.0739 JD	0.0437 U
Fluorene	86-73-7	30	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	1.770 D	0.0489 U	1.770 D	0.0459 U	0.0479 U	0.594 D	1.970 D	0.284 D
Hexachlorobenzene	118-74-1	0.33	1.2	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Hexachlorobutadiene	87-68-3	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Hexachloroethane	67-72-1	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.111 D	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Isophorone	78-59-1	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	91-20-3	12	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	4.390 D	0.0489 U	6.300 D	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
NDPA/DPA	86-30-6	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Nitrobenzene	98-95-3	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
p-Chloro-m-cresol	59-50-7	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
N-Nitrosodimethylamine	62-75-9	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
N-nitroso-di-n-propylamine	621-64-7	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
N-Nitrosodiphenylamine	86-30-6	NS	NS	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Pentachlorophenol	87-86-5	0.8	6.7	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Phenanthrene	85-01-8	100	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0708 JD	0.0476 U	0.0568 JD	0.0451 U	2 D	0.0489 U	3.540 D	0.0459 U	0.0479 U	0.467 D	3.890 D	0.538 D
Phenol	108-95-2	0.33	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.0453 U	0.0476 U	0.0450 U	0.0451 U	0.0437 U	0.0489 U	0.0443 U	0.0459 U	0.0479 U	0.0466 U	0.0450 U	0.0437 U
Pyrene	129-00-0	100	100	0.0432 U	0.0438 U	0.0438 U	0.0469 U	0.0466 U	0.0513 U	0.0464 U	0.239 D	0.0476 U	0.0539 JD	0.0451 U	0.107 D	0.0489 U	0.213 D	0.0459 U	0.0479 U	0.126 D	0.253 D	0.0437 U
Pyridine	110-86-1	100	100	0.173 U	0.175 U	0.175 U	0.187 U	0.186 U	0.205 U	0.185 U	0.181 U	0.190 U	0.180 U	0.180 U	0.175 U	0.195 U	0.177 U	0.184 U	0.191 U	0.186 U	0.180 U	0.174 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Ob
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objec
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrun
Blind duplicates: DUP001 = SB007 (3-5') and DUP002 = SB005 (0-2')
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB001 0-2' 3/1/2022 L2210848-14	SB001 4-6' 3/1/2022 L2210848-15	SB002 2-4' 3/1/2022 L2210848-30	SB002 6-8' 3/1/2022 L2210848-17	SB002 18-20' 3/1/2022 L2210848-19	SB003 3-5' 3/1/2022 L2210848-22	SB003 9-11' 3/1/2022 L2210848-27	SB003 15-17' 3/1/2022 L2210848-20	SB003 20-22' 3/1/2022 L2210848-28	SB004 2-4' 3/1/2022 L2210848-18	SB004 6-8' 3/1/2022 L2211451-03	SB005 0-2' 3/1/2022 L2210848-13	SB005 8-10' 3/1/2022 L2210848-16	SB005 12-14' 3/1/2022 L2210848-29	SB005 15-17' 3/1/2022 L2211451-01
Total Metals by USEPA Method 6010C in mg/Kg																		
Aluminum, Total	7429-90-5	NS	NS	3,400	5,690	3,720	6,580	3,660	5,490	5,610	4,440	4,780	5,810	9,480	5,200	3,060	4,260	5,040
Antimony, Total	7440-36-0	NS	NS	4.2 U	4.34 U	9.45	4.44 U	4.13 U	1.12 J	2.09 J	4.09 U	4.31 U	4.41 U	4.56 U	4.44 U	4.21 U	4.41 U	4.19 U
Arsenic, Total	7440-38-2	13	16	1.36	5.04	23.5	3	1.36	6.64	7.7	1.31	2.86	2.39	4.59	1.43	3.22	1.6	2.42
Barium, Total	7440-39-3	350	400	36.5	133	188	20	30.7	194	232	38.6	40.3	38.2	32.5	35.6	26.3	25.8	38
Beryllium, Total	7440-41-7	7.2	72	0.151 J	0.304 J	0.24 J	0.293 J	0.331 J	0.361 J	0.32 J	0.27 J	0.233 J	0.397 J	0.41 J	0.329 J	0.202 J	0.256 J	0.294 J
Cadmium, Total	7440-43-9	2.5	4.3	0.236 J	0.408 J	2.58	0.888 U	0.827 U	1.22	1.29	0.818 U	0.863 U	0.882 U	0.109 J	0.888 U	0.556 J	0.088 J	0.117 J
Calcium, Total	7440-70-2	NS	NS	32,300	25,700	1,490	518	1,000	4,730	5,800	870	756	3,130	698	4,940	46,500	704	1,230
Chromium, Total	7440-47-3	NS	NS	10.2	16.4	25.8	11.6	10.4	13.2	15.5	12.6	12.1	9.75	13.7	13.6	7.1	12.8	12.4
Cobalt, Total	7440-48-4	NS	NS	2.18	4.4	9.74	3.21	4.22	5.15	6.13	4.93	4.58	4.71	6.98	5.22	2.66	4.34	5.51
Copper, Total	7440-50-8	50	270	16.8	38.2	274	8.41	8.38	149	226	15.9	14.8	8.12	6.09	11.7	10.6	9.58	12.7
Iron, Total	7439-89-6	NS	NS	5,090	12,700	186,000	9,110	8,980	15,000	21,800	9,860	9,200	11,000	15,700	13,500	7,080	7,270	10,700
Lead, Total	7439-92-1	63	400	35.6	307	1,940	7.94	9.1	568	716	6.55	7.14	16.5	7.64	28.6	56.2	5.98	5.51
Magnesium, Total	7439-95-4	NS	NS	2760	2350	771	1790	2320	1780	2110	2130	1710	2110	1710	2160	22200	1600	2170
Manganese, Total	7439-96-5	1,600	2,000	101	228	564	65.8	214	185	207	180	172	217	224	241	123	104	202
Mercury, Toal	7439-97-6	0.18	0.81	0.077	0.773	1.52	0.081 U	0.077 U	1	1.8	0.076 U	0.074 U	0.082 U	0.076 U	0.075 J	0.114	0.073 J	0.072 U
Nickel, Total	7440-02-0	30	310	6.71	10.9	20	8.84	12.6	15.1	19.1	11.4	11.4	11	8.74	9.29	7.06	10.8	12.8
Potassium, Total	7440-09-7	NS	NS	661	569	146 J	419	914	472	673	1,170	852	962	421	802	424	659	1,160
Selenium, Total	7782-49-2	3.9	180	0.303 J	0.321 J	1.77 U	1.78 U	1.65 U	1.8 U	1.83 U	1.64 U	1.72 U	1.76 U	1.82 U	1.78 U	1.68 U	1.76 U	1.68 U
Silver, Total	7440-22-4	2	180	0.841 U	0.868 U	0.887 U	0.888 U	0.827 U	0.902 U	0.916 U	0.818 U	0.863 U	0.882 U	0.912 U	0.888 U	0.843 U	0.881 U	0.839 U
Sodium, Total	7440-23-5	NS	NS	200	165 J	87.2 J	55.2 J	78.9 J	112 J	157 J	68.8 J	81 J	166 J	291	152 J	140 J	83 J	131 J
Thallium, Total	7440-28-0	NS	NS	1.68 U	1.74 U	1.77 U	1.78 U	1.65 U	1.8 U	1.83 U	1.64 U	1.72 U	1.76 U	1.82 U	1.78 U	1.68 U	1.76 U	1.68 U
Vanadium, Total	7440-62-2	NS	NS	10.6	16.5	34.6	22.7	14.9	21.9	21	18.4	17.3	15.9	19.2	21	11.5	12.5	18.3
Zinc, Total	7440-66-6	109	10,000	54.5	203	635	44.8	28.6	457	567	29.3	28.9	33.4	29.8	47.8	59.3	25.4	27.2
Chromium by USEPA method 6010C in mg/kg																		
Chromium, Hexavalent	18540-29-9	1	110	0.222 J	0.894 U	0.242 J	0.932 U	0.872 U	0.917 U	1.37	0.343 J	0.295 J	3.73	0.963 U	0.18 J	0.899 U	0.908 U	0.32 J
Chromium, Trivalent	16065-83-1	30	180	10 J	16	26 J	12	10	13	14	12 J	12 J	6	14	13 J	7.1	13	12 J

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 Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB006 3-4' 3/1/2022 L2210848-04	SB006 4-6' 3/1/2022 L2210848-03	SB007 3-5' 3/1/2022 L2210848-05	SB007 7-9' 3/1/2022 L2210848-06	SB007 18-20' 3/1/2022 L2210848-07	SB008 0-2' 3/1/2022 L2210848-09	SB008 2-4' 3/1/2022 L2210848-12	SB008 6-8' 3/1/2022 L2210848-10	SB008 12-14' 3/1/2022 L2210848-02	SB009 3-5' 3/1/2022 L2210848-32	SB009 5-7' 3/1/2022 L2211451-02	SB009 9-11' 3/1/2022 L2210848-31	SB010 0-2' 3/1/2022 L2210848-01	SB010 4-6' 3/1/2022 L2210848-25	SB010 8-10' 3/1/2022 L2210848-26	SB011 0-2' 3/1/2022 L2210848-21	SB011 6-8' 3/1/2022 L2210848-24	SB011 18-20' 3/1/2022 L2210848-23
Total Metals by USEPA Method 6010C in mg/Kg																						
Aluminum, Total	7429-90-5	NS	NS	5,340	6,150	4,360	6,040	3,030	4,200	5,960	4,910	4,700	5,200	4,540	4,060	4,170	3,920	3,440	7,780	5,360	2,470
Antimony, Total	7440-36-0	NS	NS	4.2 U	4.17 U	4.33 U	4.47 U	4.35 U	4.1 U	4.5 U	4.63 U	4.52 U	4.2 U	4.38 U	4.62 U	4.26 U	4.36 U	4.47 U	4.45 U	4.47 U	4.2 U
Arsenic, Total	7440-38-2	13	16	2.7	2.06	2.98	2.5	2.92	2.34	2.94	2.88	2.39	2.8	3.14	3.2	4.03	4.64	3.6	5.11	3.4	2.02
Barium, Total	7440-39-3	350	400	21.8	26.3	19.9	22.8	25.9	25.9	22.6	24.1	10.7	19.7	19.7	16.7	37.8	56.1	24.2	51.5	24.4	18
Beryllium, Total	7440-41-7	7.2	72	0.344 J	0.426	0.294 J	0.331 J	0.217 J	0.287 J	0.333 J	0.315 J	0.244 J	0.344 J	0.289 J	0.342 J	0.282 J	0.262 J	0.232 J	0.32 J	0.313 J	0.244 J
Cadmium, Total	7440-43-9	2.5	4.3	0.84 U	0.835 U	0.866 U	0.894 U	0.87 U	0.098 J	0.9 U	0.926 U	0.904 U	0.84 U	0.114 J	0.923 U	0.162 J	0.157 J	0.152 J	0.302 J	0.09 J	0.109 J
Calcium, Total	7440-70-2	NS	NS	1,520	599	474	517	518	11,000	592	522	266	582	1,410	443	38,300	8,830	1,640	6,220	2,970	771
Chromium, Total	7440-47-3	NS	NS	9.36	9.97	7.34	9.57	7.21	8.77	10.4	8.43	7.88	7.85	7.8	5.2	10.8	7.39	7.04	11.8	8.9	6.3
Cobalt, Total	7440-48-4	NS	NS	5.02	6.74	4.3	4.62	4.26	4	4.75	4.59	6.31	3.83	4.3	2.66	3.97	3.98	4.1	5.48	4.24	3.24
Copper, Total	7440-50-8	50	270	7.83	10	6.18	5.72	6.37	10.1	6.11	7.31	7.24	6.42	8.04	3.47	16.4	11.4	9.31	15	8.19	7.3
Iron, Total	7439-89-6	NS	NS	10,100	10,600	10,500	12,600	9,270	8,660	13,200	10,800	10,400	8,290	9,650	6,270	9,470	9,120	8,780	13,200	10,000	5,970
Lead, Total	7439-92-1	63	400	11.9	6.54	7.68	8.79	5.48	17.3	10	10.3	6.1	8.98	8.59	5.12	58.2	28.8	26.6	73.8	13.3	4.4
Magnesium, Total	7439-95-4	NS	NS	1630	1740	1480	1590	1370	5220	1790	1730	1700	1340	1670	889	16900	4190	1560	3120	1660	1110
Manganese, Total	7439-96-5	1,600	2,000	148	126	179	224	327	158	246	143	110	117	279	79.4	219	193	196	231	108	337
Mercury, Toal	7439-97-6	0.18	0.81	0.073 U	0.074 U	0.074 U	0.079 U	0.07 U	0.066 J	0.072 U	0.079 U	0.072 U	0.072 U	0.081 U	0.083 U	0.168	0.062 J	0.067 J	0.087	0.08 U	0.079 U
Nickel, Total	7440-02-0	30	310	9.72	9.55	8.84	8.33	9.69	9.4	8.99	9.26	9.47	7.94	8.16	5.89	11.2	11.3	9.11	13.3	7.66	7.54
Potassium, Total	7440-09-7	NS	NS	447	528	296	350	270	690	347	321	304	269	387	171 J	725	445	378	439	368	406
Selenium, Total	7782-49-2	3.9	180	1.68 U	1.67 U	1.73 U	1.79 U	1.74 U	1.64 U	1.8 U	1.85 U	1.81 U	1.68 U	1.75 U	1.85 U	0.503 J	1.74 U	1.79 U	1.78 U	1.79 U	1.68 U
Silver, Total	7440-22-4	2	180	0.84 U	0.835 U	0.866 U	0.894 U	0.87 U	0.82 U	0.9 U	0.926 U	0.904 U	0.84 U	0.876 U	0.923 U	0.853 U	0.872 U	0.894 U	0.89 U	0.895 U	0.841 U
Sodium, Total	7440-23-5	NS	NS	63.2 J	73.1 J	80.4 J	84.2 J	32.6 J	135 J	183	169 J	137 J	133 J	127 J	63.6 J	230	96.1 J	79.5 J	167 J	117 J	73.3 J
Thallium, Total	7440-28-0	NS	NS	1.68 U	1.67 U	1.73 U	1.79 U	1.74 U	1.64 U	1.8 U	1.85 U	1.81 U	1.68 U	1.75 U	1.85 U	1.71 U	1.74 U	1.79 U	1.78 U	1.79 U	1.68 U
Vanadium, Total	7440-62-2	NS	NS	14.6	16.6	11.4	14.7	8.8	15	15.7	13.5	10.2	13.1	12.6	7.87	16.2	11.6	10.5	19.9	13.4	11.3
Zinc, Total	7440-66-6	109	10,000	26.8	22.4	22.6	25.1	22.4	44.3	23.2	24.5	23.5	22.1	24.8	15.1	52.6	35.8	31.7	65.3	24.2	17
Chromium by USEPA method 6010C in mg/kg																					
Chromium, Hexavalent	18540-29-9	1	110	0.875 U	0.87 U	0.181 J	0.944 U	0.89 U	0.874 U	0.906 U	0.928	0.908 U	0.862 U	0.92 U	0.948 U	0.173 J	0.299 J	0.914 U	0.911 U	0.943 U	0.883 U
Chromium, Trivalent	16065-83-1	30	180	9.4	10	7.2 J	9.6	7.2	8.8	10	8.4	7.9	7.8	7.8	5.2	11 J	7.1 J	7	12	8.9	6.3

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil Metal Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB012 6'-8' 8/3/2022 22H0308-02	SB012 8'-10' 8/3/2022 22H0308-03	SB013 6'-8' 8/3/2022 22H0308-04	SB014 2'-4' 8/3/2022 22H0308-14	SB014 4'-6' 8/3/2022 22H0308-15	SB015 10'-12' 8/3/2022 22H0308-17	SB016 10'-12' 8/3/2022 22H0308-16	SB017 3'-5' 8/3/2022 22H0308-13	SB017 5'-7' 8/3/2022 22H0306-03	SB018 3'-5' 8/3/2022 22H0308-10	SB018 5'-7' 8/3/2022 22H0308-11	SB019 17'-19' 8/3/2022 22H0308-08	SB020 8'-10' 8/3/2022 22H0308-09	SB021 13'-15' 8/3/2022 22H0308-07	SB022 8'-10' 8/3/2022 22H0308-06	SB023 8'-10' 8/3/2022 22H0308-05	SB024 5'-7' 8/3/2022 22H0308-01	SB024 13'-15' 8/3/2022 22H0306-01	SB024 15'-17' 8/3/2022 22H0306-02
Total Metals by USEPA Method 6010C in mg/Kg																								
Aluminum, Total	7429-90-5	NS	NS	5,440	6,440 B	5,870 B	9,570	8,870	17,100	14,200	11,500	11,800 B	11,400	6,020	5,470	7,290	5,780	7,840	8,510	6,040 B	4,750	4,160 B
Antimony, Total	7440-36-0	NS	NS	2.86	2.86 U	2.82 U	3.07 U	3.08 U	3.24 U	2.99 U	2.83 U	2.99 U	2.86 U	2.95 U	2.64 U	3.11 U	2.82 U	2.85 U	3.08 U	2.91 U	2.84 U	2.73 U
Arsenic, Total	7440-38-2	13	16	1.72	4.09	2.82	1.84 U	1.85 U	1.94 U	1.8 U	1.7 U	3.14	2.93	3.54	3.82	2.72	2.4	3.14	1.85 U	2.32	1.71 U	4.89
Barium, Total	7440-39-3	350	400	20.6	36.1	28.2	35.3	23.5	112	77.1	43.7	23.9	38.7	15.2	38.1	26.4	33.7	29	25.8	158	18.1	22.3
Beryllium, Total	7440-41-7	7.2	72	0.055 U	0.057 U	0.056 U	0.061 U	0.062 U	0.065 U	0.06 U	0.057 U	0.139	0.058	0.059 U	0.053 U	0.062 U	0.056 U	0.057 U	0.062 U	0.06	0.057 U	0.11
Cadmium, Total	7440-43-9	2.5	4.3	0.327 U	0.343 U	0.338 U	0.368 U	0.369 U	0.389 U	0.359 U	0.339 U	0.917	0.343 U	0.355 U	0.317 U	0.373 U	0.338 U	0.342 U	0.369 U	0.349 U	0.341 U	0.327 U
Calcium, Total	7440-70-2	NS	NS	957	1,000	750	1,360	802	2,600	1,910	2,640	1,030	3,400	507	1,100	881	712	1,180	1,050	3,590	821	669
Chromium, Total	7440-47-3	NS	NS	10.6	17.4	13.9	13	14	60.5	43.5	21.2	15.6	15.3	9.31	10.1	11.5	11.1	13.7	11.2	14	8.22	7.39
Cobalt, Total	7440-48-4	NS	NS	4.58	6.5	5.81	5.36	3.92	17.5	16.7	10.4	4.84	6.98	5.28	6.58	6.79	6.52	7.17	4.39	5.65	4.66	4.24
Copper, Total	7440-50-8	50	270	13.2	9.98	10.1	11	9.23	27.1	21	20.9	8.65	9.41	8.98	11.1	11.2	8.67	15.7	4.69	10.7	7.31	7.49
Iron, Total	7439-89-6	NS	NS	8,650	11,300	12,100	12,400	9,780	28,200	25,000	19,900	13,300	16,900	12,600	13,400	15,200	13,700	15,900	8,510	12,600	10,400	9,190
Lead, Total	7439-92-1	63	400	9.22	21.4	11.3	81.6	14.2	17.2	16.5	13.8	8.26	20.1	9.68	11.6	13.1	11.4	14.4	8.94	48.5	8.23	6.85
Magnesium, Total	7439-95-4	NS	NS	1540	2110	2030	2090	2110	6590	5590	6160	2400	2510	1830	1940	2330	2130	2600	2300	2120	1570	1380
Manganese, Total	7439-96-5	1,600	2,000	95.9	191	161	210	108	370	312	280	91.3	274	132	855	244	207	255	175	188	345	260
Mercury, Toal	7439-97-6	0.18	0.81	0.0316 U	0.0321 U	0.0316 U	1.12	0.0345 U	0.0369 U	0.0335 U	0.0334 U	0.0346 U	0.0332 U	0.0331 U	0.0317 U	0.0354 U	0.0327 U	0.0336 U	0.0351 U	0.0337 U	0.0324 U	0.0317 U
Nickel, Total	7440-02-0	30	310	13.6	8.81	16	15.6	9.86	87.6	75.2	21.9	12.2	16.9	18.1	15.2	15.3	15.6	16.6	13.4	12	13.8	9.98
Potassium, Total	7440-09-7	NS	NS	619 B	1,050 B	1,010 B	781	558	3,330	3,420	2,550	726 B	964	772	819	1,020	874	917	794	945 B	625	663 B
Selenium, Total	7782-49-2	3.9	180	2.73 U	2.86 U	2.82 U	3.07 U	3.08 U	3.24 U	2.99 U	2.83 U	2.99 U	2.86 U	2.95 U	2.64 U	3.11 U	2.82 U	2.85 U	3.08 U	2.91 U	2.84 U	2.73 U
Silver, Total	7440-22-4	2	180	0.546 U	0.572 U	0.563 U	0.613 U	0.616 U	0.648 U	0.599 U	0.566 U	0.597 U	0.572 U	0.591 U	0.528 U	0.621 U	0.563 U	0.57 U	0.615 U	0.581 U	0.568 U	0.546 U
Sodium, Total	7440-23-5	NS	NS	54.6 U	57.2 U	56.3 U	118	61.6 U	64.8 U	59.9 U	79.5	144	184	59.1 U	52.8 U	62.1 U	90.2	57 U	61.5 U	227	56.8 U	54.6 U
Thallium, Total	7440-28-0	NS	NS	2.73 U	2.86 U	2.82 U	3.07 U	3.08 U	3.24 U	2.99 U	2.83 U	2.99 U	2.86 U	2.95 U	2.64 U	3.11 U	2.82 U	2.85 U	3.08 U	2.91 U	2.84 U	2.73 U
Vanadium, Total	7440-62-2	NS	NS	17.8	29.2	24.5	18	21.9	42.5	39.8	38.9	29.7	21.5	13.8	13.6	18	15.7	20	11.3	16.6	11.8	9.93
Zinc, Total	7440-66-6	109	10,000	38.9	27.3	48.2	51.1	29.4	56.9	50.2	50.4	30.5	40.6	24.5	31.6	31	30.8	36.7	38.4	148	22.2	19.9
Chromium by USEPA method 6010C in mg/kg																						
Chromium, Hexavalent	18540-29-9	1	110	0.527 U	0.534 U	0.526 U	0.572 U	0.575 U	0.616 U	0.559 U	0.556 U	0.577 U	0.553 U	0.552 U	0.528 U	0.59 U	0.545 U	0.56 U	0.584 U	0.562 U	0.54 U	0.528 U
Chromium, Trivalent	16065-83-1	30	180	10.6	16.2	13.2	11.4	12.2	49.2	38.9	19.1	15.6	13.8	8.44	9.53	9.73	10.2	12.2	9.58	12.4	8.22	7.39

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of
NS - No standard
NT - Not tested
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 4
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB001 0-2' 3/1/2022 L2210848-14	SB001 4-6' 3/1/2022 L2210848-15	SB002 2-4' 3/1/2022 L2210848-30	SB002 6-8' 3/1/2022 L2210848-17	SB002 18-20' 3/1/2022 L2210848-19	SB003 3-5' 3/1/2022 L2210848-22	SB003 9-11' 3/1/2022 L2210848-27	SB003 15-17' 3/1/2022 L2210848-20	SB003 20-22' 3/1/2022 L2210848-28	SB004 2-4' 3/1/2022 L2210848-18	SB004 6-8' 3/1/2022 L2211451-03	SB005 0-2' 3/1/2022 L2210848-13	SB005 0-2' 3/1/2022 L2210848-13R1	SB005 8-10' 3/1/2022 L2210848-16	SB005 12-14' 3/1/2022 L2210848-29	SB005 15-17' 3/1/2022 L2211451-01
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																				
Heptachlor epoxide	1024-57-3	NS	NS	0.00308 U	0.00315 U	0.00342 U	0.00347 U	0.00311 U	0.00341 U	0.00336 U	0.0031 U	0.00324 U	0.00335 U	0.00355 U	0.00331 U	- -	0.00323 U	0.00324 U	0.00314 U
Endosulfan sulfate	1031-07-8	2.4	24	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Aldrin	309-00-2	0.005	0.097	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Alpha-BHC	319-84-6	0.02	0.48	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Beta-BHC	319-85-7	0.036	0.36	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Delta-BHC	319-86-8	0.04	100	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Endosulfan II	33213-65-9	2.4	24	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00874	0.0363	0.00342 U	0.00347 U	0.00311 U	0.00341 U	0.00336 U	0.0031 U	0.00324 U	0.00335 U	0.00355 U	0.00331 U	- -	0.00323 U	0.00324 U	0.00314 U
cis-Chlordane	5103-71-9	0.094	4.2	0.000726 J	0.0021 U	0.00228 U	0.00231 U	0.00207 U	0.00228 U	0.00224 U	0.00206 U	0.00216 U	0.00223 U	0.00236 U	0.635 E	0.514 IP	0.0309	0.000835 J	0.00209 U
trans-Chlordane	5103-74-2	NS	NS	0.00153 JP	0.00131 J	0.00228 U	0.00231 U	0.00207 U	0.00228 U	0.00224 U	0.00206 U	0.00216 U	0.00223 U	0.00236 U	0.564 E	0.798	0.0212 IP	0.00124 J	0.00209 U
Endrin ketone	53494-70-5	NS	NS	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Chlordane	57-74-9	NS	NS	0.0137 U	0.014 U	0.0152 U	0.0154 U	0.0138 U	0.0152 U	0.0149 U	0.0138 U	0.0144 U	0.0149 U	0.0158 U	5.8 E	6.64	0.0143 U	0.0144 U	0.0139 U
gamma-Chlordane	5566-34-7			NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	- -	NT	NT	NT
Lindane	58-89-9	0.1	1.3	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Dieldrin	60-57-1	0.005	0.2	0.00103 U	0.004	0.00114 U	0.00116 U	0.00104 U	0.00114 U	0.00112 U	0.00103 U	0.00108 U	0.00112 U	0.00118 U	0.0011 U	- -	0.00108 U	0.00108 U	0.00104 U
Endrin	72-20-8	0	11	0.000685 U	0.0007 U	0.00076 U	0.000771 U	0.000692 U	0.000758 U	0.000746 U	0.000688 U	0.00072 U	0.000745 U	0.000788 U	0.000736 U	- -	0.000717 U	0.00072 U	0.000697 U
Methoxychlor	72-43-5	NS	NS	0.00308 U	0.00315 U	0.00342 U	0.00347 U	0.00311 U	0.00341 U	0.00336 U	0.0031 U	0.00324 U	0.00335 U	0.00355 U	0.00331 U	- -	0.00323 U	0.00324 U	0.00314 U
4,4'-DDD	72-54-8	0.0033	13	0.000857 J	0.00197	0.00182 U	0.00185 U	0.00166 U	0.00569 P	0.00183	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00174	0.0191	0.00182 U	0.00185 U	0.00166 U	0.00273	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Endrin aldehyde	7421-93-4	NS	NS	0.00205 U	0.0021 U	0.00228 U	0.00231 U	0.00207 U	0.00228 U	0.00224 U	0.00206 U	0.00216 U	0.00223 U	0.00236 U	0.00221 U	- -	0.00215 U	0.00216 U	0.00209 U
Heptachlor	76-44-8	0.042	2.1	0.000822 U	0.00084 U	0.000912 U	0.000925 U	0.00083 U	0.00091 U	0.000895 U	0.000826 U	0.000864 U	0.000894 U	0.000946 U	0.108	- -	0.000861 U	0.000864 U	0.000836 U
Toxaphene	8001-35-2	NS	NS	0.0308 U	0.0315 U	0.0342 U	0.0347 U	0.0311 U	0.0341 U	0.0336 U	0.031 U	0.0324 U	0.0335 U	0.0355 U	0.0331 U	- -	0.0323 U	0.0324 U	0.0314 U
Endosulfan I	959-98-8	2.4	24	0.00164 U	0.00168 U	0.00182 U	0.00185 U	0.00166 U	0.00182 U	0.00179 U	0.00165 U	0.00173 U	0.00179 U	0.00189 U	0.00177 U	- -	0.00172 U	0.00173 U	0.00167 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																				
Aroclor 1016	12674-11-2	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1221	11104-28-2	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1232	11141-16-5	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1242	53469-21-9	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1248	12672-29-6	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.846	0.0371 U	0.0359 U
Aroclor 1254	11097-69-1	0.1	1	0.0188 J	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.215	0.0391 U	0.0369 U	- -	0.943	0.0102 J	0.0359 U
Aroclor 1260	11096-82-5	0.1	1	0.00812 J	0.00832 J	0.0374 U	0.0374 U	0.0353 U	0.037 J	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1262	37324-23-5	0.1	1	0.0342 U	0.0356 U	0.0374 U	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
Aroclor 1268	11100-14-4	0.1	1	0.0342 U	0.00382 J	0.00419 J	0.0374 U	0.0353 U	0.0373 U	0.038 U	0.033 U	0.0363 U	0.0374 U	0.0391 U	0.0369 U	- -	0.184 U	0.0371 U	0.0359 U
PCBs, Total	1336-36-3	0.1	1	0.0269 J	0.0121 J	0.00419 J	0.0374 U	0.0353 U	0.037 J	0.038 U	0.033 U	0.0363 U	0.215	0.0391 U	0.0369 U	- -	1.79	0.0102 J	0.0359 U
Method: 8151B - Herbicides - (mg/kg)																				
2,4,5-TP (Silvex)	93-72-1	3.8	100a	0.173 U	0.183 U	0.189 U	0.193 U	0.177 U	0.188 U	0.192 U	0.173 U	0.178 U	0.188 U	0.197 U	0.184 U	- -	0.184 U	0.186 U	0.181 U
General Chemistry																				
Cyanide, Total	57-12-5	27	27	0.53 J	1 U	0.81 J	1.1 U	1 U	1.1 U	1.1 U	0.96 U	1 U	1.1 U	1.2 U	1.1 U	- -	1 U	1.1 U	1.1 U

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 Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 4
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB006 3-4' 3/1/2022 L2210848-04	SB006 4-6' 3/1/2022 L2210848-03	SB007 3-5' 3/1/2022 L2210848-05	SB007 7-9' 3/1/2022 L2210848-06	SB007 18-20' 3/1/2022 L2210848-07	SB008 0-2' 3/1/2022 L2210848-09	SB008 2-4' 3/1/2022 L2210848-12	SB008 6-8' 3/1/2022 L2210848-10	SB008 12-14' 3/1/2022 L2210848-02	SB009 3-5' 3/1/2022 L2210848-32	SB009 5-7' 3/1/2022 L2211451-02	SB009 9-11' 3/1/2022 L2210848-31	SB010 0-2' 3/1/2022 L2210848-01	SB010 4-6' 3/1/2022 L2210848-25	SB010 8-10' 3/1/2022 L2210848-26	SB011 0-2' 3/1/2022 L2210848-21	SB011 6-8' 3/1/2022 L2210848-24	SB011 18-20' 3/1/2022 L2210848-23
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																						
Heptachlor epoxide	1024-57-3	NS	NS	0.00321 U	0.00307 U	0.00331 U	0.00353 U	0.00322 U	0.00313 U	0.00319 U	0.00339 U	0.00331 U	0.00317 U	0.00329 U	0.00334 U	0.00316 U	0.00316 U	0.00331 U	0.0335 U	0.00332 U	0.00322 U
Endosulfan sulfate	1031-07-8	2.4	24	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Aldrin	309-00-2	0.005	0.097	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Alpha-BHC	319-84-6	0.02	0.48	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Beta-BHC	319-85-7	0.036	0.36	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Delta-BHC	319-86-8	0.04	100	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Endosulfan II	33213-65-9	2.4	24	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00321 U	0.00307 U	0.00331 U	0.00353 U	0.00322 U	0.00313 U	0.00319 U	0.00339 U	0.00331 U	0.00317 U	0.00329 U	0.00334 U	0.00316 U	0.00218 J	0.00331 U	0.0335 U	0.00332 U	0.00322 U
cis-Chlordane	5103-71-9	0.094	4.2	0.00214 U	0.00205 U	0.00221 U	0.00235 U	0.00215 U	0.00209 U	0.00213 U	0.00226 U	0.0022 U	0.00211 U	0.00219 U	0.00222 U	0.00454	0.00794	0.00221 U	0.0223 U	0.00221 U	0.00214 U
trans-Chlordane	5103-74-2	NS	NS	0.00214 U	0.00205 U	0.00221 U	0.00235 U	0.00215 U	0.00209 U	0.00213 U	0.00226 U	0.0022 U	0.00211 U	0.00219 U	0.00222 U	0.00414	0.00734	0.00221 U	0.0223 U	0.00221 U	0.00214 U
Endrin ketone	53494-70-5	NS	NS	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Chlordane	57-74-9	NS	NS	0.0143 U	0.0136 U	0.0147 U	0.0157 U	0.0143 U	0.0139 U	0.0142 U	0.0151 U	0.0147 U	0.0141 U	0.0146 U	0.0148 U	0.014 U	0.0414 P	0.0147 U	0.149 U	0.0148 U	0.0143 U
gamma-Chlordane	5566-34-7			NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lindane	58-89-9	0.1	1.3	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Dieldrin	60-57-1	0.005	0.2	0.00107 U	0.00102 U	0.0011 U	0.00118 U	0.00107 U	0.00104 U	0.00106 U	0.00113 U	0.0011 U	0.00106 U	0.0011 U	0.00111 U	0.00198	0.00164	0.0011 U	0.0112 U	0.00111 U	0.00107 U
Endrin	72-20-8	0	11	0.000713 U	0.000683 U	0.000736 U	0.000785 U	0.000715 U	0.000696 U	0.000709 U	0.000754 U	0.000735 U	0.000705 U	0.000732 U	0.000741 U	0.000702 U	0.000703 U	0.000736 U	0.00745 U	0.000738 U	0.000715 U
Methoxychlor	72-43-5	NS	NS	0.00321 U	0.00307 U	0.00331 U	0.00353 U	0.00322 U	0.00313 U	0.00319 U	0.00339 U	0.00331 U	0.00317 U	0.00329 U	0.00334 U	0.00316 U	0.00316 U	0.00331 U	0.0335 U	0.00332 U	0.00322 U
4,4'-DDD	72-54-8	0.0033	13	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00129 J	0.00366	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Endrin aldehyde	7421-93-4	NS	NS	0.00214 U	0.00205 U	0.00221 U	0.00235 U	0.00215 U	0.00209 U	0.00213 U	0.00226 U	0.0022 U	0.00211 U	0.00219 U	0.00222 U	0.0021 U	0.00211 U	0.00221 U	0.0223 U	0.00221 U	0.00214 U
Heptachlor	76-44-8	0.042	2.1	0.000856 U	0.000819 U	0.000883 U	0.000942 U	0.000858 U	0.000835 U	0.000851 U	0.000905 U	0.000882 U	0.000846 U	0.000878 U	0.00089 U	0.000842 U	0.000843 U	0.000884 U	0.00894 U	0.000886 U	0.000858 U
Toxaphene	8001-35-2	NS	NS	0.0321 U	0.0307 U	0.0331 U	0.0353 U	0.0322 U	0.0313 U	0.0319 U	0.0339 U	0.0331 U	0.0317 U	0.0329 U	0.0334 U	0.0316 U	0.0316 U	0.0331 U	0.335 U	0.0332 U	0.0322 U
Endosulfan I	959-98-8	2.4	24	0.00171 U	0.00164 U	0.00177 U	0.00188 U	0.00172 U	0.00167 U	0.0017 U	0.00181 U	0.00176 U	0.00169 U	0.00176 U	0.00178 U	0.00168 U	0.00169 U	0.00177 U	0.0179 U	0.00177 U	0.00172 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																					
Aroclor 1016	12674-11-2	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1221	11104-28-2	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1232	11141-16-5	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1242	53469-21-9	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1248	12672-29-6	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1254	11097-69-1	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0425	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1260	11096-82-5	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1262	37324-23-5	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Aroclor 1268	11100-14-4	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0358 U	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
PCBs, Total	1336-36-3	0.1	1	0.0362 U	0.0349 U	0.037 U	0.0378 U	0.037 U	0.0425	0.0358 U	0.037 U	0.0358 U	0.0354 U	0.0376 U	0.0381 U	0.0346 U	0.0356 U	0.0364 U	0.0371 U	0.039 U	0.036 U
Method: 8151B - Herbicides - (mg/kg)																					
2,4,5-TP (Silvex)	93-72-1	3.8	100a	0.18 U	0.18 U	0.188 U	0.196 U	0.182 U	0.18 U	0.186 U	0.191 U	0.185 U	0.177 U	0.189 U	0.195 U	0.179 U	0.183 U	0.19 U	0.186 U	0.195 U	0.18 U
General Chemistry																					
Cyanide, Total	57-12-5	27	27	1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use c
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 4
Soil PCB, Pesticide, and General Chemistry Analytical Data
731-747 4th Avenue, Brooklyn, NY

Sample ID: Sample Depth: Sampling Date: Lab Sample ID:	CAS Number	NYSDEC SCOs Unrestricted Use (1)	NYSDEC SCOs Restricted Residential Use (2)	SB012 6'-8' 8/3/2022 22H0308-02	SB012 8'-10' 8/3/2022 22H0308-03	SB013 6'-8' 8/3/2022 22H0308-04	SB014 2'-4' 8/3/2022 22H0308-14	SB014 4'-6' 8/3/2022 22H0308-15	SB015 10'-12' 8/3/2022 22H0308-17	SB016 10'-12' 8/3/2022 22H0308-16	SB017 3'-5' 8/3/2022 22H0308-13	SB017 5'-7' 8/3/2022 22H0306-03	SB018 3'-5' 8/3/2022 22H0308-10	SB018 5'-7' 8/3/2022 22H0308-11	SB019 17'-19' 8/3/2022 22H0308-08	SB020 8'-10' 8/3/2022 22H0308-09	SB021 13'-15' 8/3/2022 22H0308-07	SB022 8'-10' 8/3/2022 22H0308-06	SB023 8'-10' 8/3/2022 22H0308-05	SB024 5'-7' 8/3/2022 22H0308-01	SB024 13'-15' 8/3/2022 22H0306-01	SB024 15'-17' 8/3/2022 22H0306-02	DUP004 8/3/2022 22H0306-12
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																									
Heptachlor epoxide	1024-57-3	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endosulfan sulfate	1031-07-8	2.4	24	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Aldrin	309-00-2	0.005	0.097	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Alpha-BHC	319-84-6	0.02	0.48	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Beta-BHC	319-85-7	0.036	0.36	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Delta-BHC	319-86-8	0.04	100	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endosulfan II	33213-65-9	2.4	24	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
cis-Chlordane	5103-71-9	0.094	4.2	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
trans-Chlordane	5103-74-2	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Endrin ketone	53494-70-5	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Chlordane	57-74-9	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
gamma-Chlordane	5566-34-7			0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Lindane	58-89-9	0.1	1.3	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Dieldrin	60-57-1	0.005	0.2	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endrin	72-20-8	0	11	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Methoxychlor	72-43-5	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
4,4'-DDD	72-54-8	0.0033	13	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Endrin aldehyde	7421-93-4	NS	NS	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Heptachlor	76-44-8	0.042	2.1	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Toxaphene	8001-35-2	NS	NS	0.173 U	0.174 U	0.173 U	0.185 U	0.187 U	0.2 U	0.18 U	0.179 U	0.189 U	0.181 U	0.181 U	0.17 U	0.194 U	0.175 U	0.182 U	0.189 U	0.181 U	0.176 U	0.174 U	0.175 U
Endosulfan I	959-98-8	2.4	24	0.00173 U	0.00174 U	0.00173 U	0.00185 U	0.00187 U	0.002 U	0.0018 U	0.00179 U	0.00189 U	0.00181 U	0.00181 U	0.0017 U	0.00194 U	0.00175 U	0.00182 U	0.00189 U	0.00181 U	0.00176 U	0.00174 U	0.00175 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																							
Aroclor 1016	12674-11-2	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1221	11104-28-2	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1232	11141-16-5	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1242	53469-21-9	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1248	12672-29-6	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1254	11097-69-1	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1260	11096-82-5	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Aroclor 1262	37324-23-5	0.1	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1268	11100-14-4	0.1	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PCBs, Total	1336-36-3	0.1	1	0.0175 U	0.0176 U	0.0175 U	0.0187 U	0.0188 U	0.0202 U	0.0181 U	0.0181 U	0.0191 U	0.0183 U	0.0183 U	0.0172 U	0.0195 U	0.0177 U	0.0184 U	0.0191 U	0.0182 U	0.0178 U	0.0175 U	0.0177 U
Method: 8151B - Herbicides - (mg/kg)																							
2,4,5-TP (Silvex)	93-72-1	3.8	100a	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
General Chemistry																							
Cyanide, Total	57-12-5	27	27	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use c
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of S
NS - No standard
NT - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear ra
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

APPENDIX A

PWGC Soil Boring Logs

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th ave, Brooklyn, NY		
BORING ID:	SB012	BORING DEPTH (FT): 10	CORE LENGTH (FT): NA
WELL ID:	NA	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DRILLING CONTRACTOR:	Associated	DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
DRILLING METHOD:	Direct Push	TIME STARTED: 09:15	TIME FINISHED: 10:00
DRILLING EQUIPMENT:	Geoprobe 7822 DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Dual Tube	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–5			2.5	FILL; dry with no odor	0.1	0–5	
5–8				Brown, fine SAND, some medium Sand, little coarse sand, trace gravel; dry and no odor	0	5–8	
8–10			5	Brown fine to coarse SAND and GRAVEL, some Rocks; dry and no odor	0	8–10	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 10 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th ave, Brooklyn, NY		
BORING ID:	SB013	BORING DEPTH (FT): 10	CORE LENGTH (FT): NA
WELL ID:	NA	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DRILLING CONTRACTOR:	Associated	DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
DRILLING METHOD:	Direct Push	TIME STARTED: 10:10	TIME FINISHED: 10:25
DRILLING EQUIPMENT:	Geoprobe 7822 DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Dual Tube	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–5			2.5	FILL; dry and no odor.	0	0–5	
5–7			4.5	Brown, fine to medium SAND, some Gravel and Rocks; dry and no odor.	0	5–7	
7–10				Brown, fine to medium SAND, little gravel, dry and no odor.	0	7–10	

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB014
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

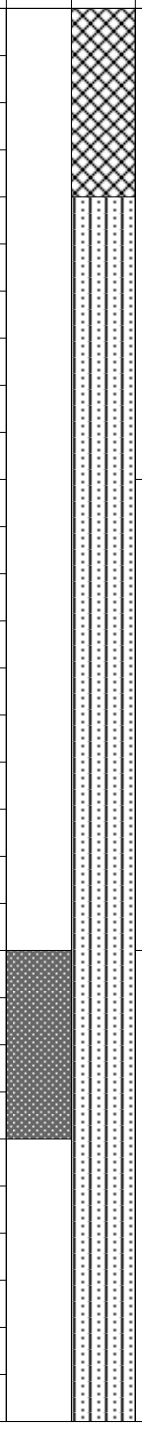
PWGC

BORING DEPTH (FT): 15	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 13:20	TIME FINISHED: 13:40
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–2			5	FILL; dry and no odor.	0	0–2	
2–5				Light Brown, fine SAND; dry and no odor.	0	2–5	
5–8			4.5	Light Brown, fine SAND and SILT; dry and no odor.	0	5–8	
8–12				Light Brown, fine SAND; dry and no odor.	0	8–12	
12–15			5			12–15	

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th ave, Brooklyn, NY		
BORING ID:	SB015	BORING DEPTH (FT): 15	CORE LENGTH (FT): NA
WELL ID:	NA	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DRILLING CONTRACTOR:	Associated	DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
DRILLING METHOD:	Direct Push	TIME STARTED: 13:45	TIME FINISHED: 13:50
DRILLING EQUIPMENT:	Geoprobe 7822 DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Dual Tube	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–2		FILL	5	FILL; dry and no odor.	0	0–2	
5–7			4.5	Light Brown, fine to medium SAND, some Silt, little gravel; dry and no odor.	0	5–7	
10–12			4.5			10–12	



P.W. Grosser Consulting	**End of Boring Depth (feet):** 15	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB016
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

BORING DEPTH (FT): 15	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 13:55	TIME FINISHED: 14:05
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–5			5	FILL; dry and no odor.	0
5–10			4.5	Brown, fine to medium SAND, some Silt, little gravel; dry and no odor.	0
10–15			4		

DEPTH (feet): 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

P.W. Grosser Consulting	**End of Boring Depth (feet):** 15	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB017
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

PWGC

BORING DEPTH (FT): 10	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 12:50	TIME FINISHED: 13:10
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–5			2	FILL; dry and no odor.	0
5–10			3.5	Brown, fine to medium SAND; dry and no odor.	0

DEPTH (feet) 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th ave, Brooklyn, NY		
BORING ID:	SB018	BORING DEPTH (FT): 15	CORE LENGTH (FT): NA
WELL ID:	NA	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DRILLING CONTRACTOR:	Associated	DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
DRILLING METHOD:	Direct Push	TIME STARTED: 12:30	TIME FINISHED: 12:40
DRILLING EQUIPMENT:	Geoprobe 7822 DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Dual Tube	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–3			2.5	FILL; dry and no odor.	0	0–3	
3–15			5 / 5 / 5	Light Bown, fine SAND, trace gravel; dry and no odor.	0	3–15	

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB019
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

PWGC

BORING DEPTH (FT): 25	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 11:30	TIME FINISHED: 11:40
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–4			4	FILL; dry and no odor.	2.1
4–6			4	Light Brown, fine to medium SAND, trace gravel; dry and a sweet odor.	5
6–8			4	Light Brown, fine to medium SAND; dry and petroleum odor.	71
8–10			4	Light Brown, fine to medium SAND; dry and petroleum odor.	175
10–12			5	Light Brown, fine to medium SAND; dry and petroleum odor.	154
12–14			5	Light Brown, fine to medium SAND; dry and petroleum odor.	97
14–16			5	Light Brown, fine to medium SAND; dry and petroleum odor.	121
16–18			5	Light Brown, fine to medium SAND; dry and petroleum odor.	150
18–20			5	Light Brown, fine to medium SAND; wet and petroleum odor.	79
20–22			5	Light Brown, fine to medium SAND; wet and petroleum odor.	101
22–24					
24–26					

DEPTH (feet): 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

P.W. Grosser Consulting	**End of Boring Depth (feet):** 25	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB020
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

BORING DEPTH (FT): 10	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 12:00	TIME FINISHED: 12:10
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–3			5	FILL; dry and no odor.	0	0–3	
3–10			5	Light brown, fine SAND; dry and no odor.	0	3–10	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 10 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB021
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

BORING DEPTH (FT): 25	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 11:15	TIME FINISHED: 11:25
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–4			4.5	FILL; dry and no odor.	0
				Brown, fine to medium SAND, little gravel; dry and no odor.	10
				Black, fine to medium SAND, little gravel; dry and petroleum odor.	225
6–8			4.5	Brown, fine SAND, some medium Sand; dry and petroleum odor.	210
					241
10–12			5		344
14–16			5		120
18–20			5	Brown, fine SAND, some medium Sand; wet and npetroleum odor.	134
22–24					
26					

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

▼ Water Table Symbol

P.W. Grosser Consulting	**End of Boring Depth (feet):** 25	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB022
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

BORING DEPTH (FT): 10	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 10:50	TIME FINISHED: 11:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–5			2.5	FILL; dry and no odor.	0
5–10			2	Light Brown, fine to medium SAND, little gravel; dry and no odor.	0

DEPTH (feet) 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

P.W. Grosser Consulting | **End of Boring Depth (feet):** 10 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th ave, Brooklyn, NY		
BORING ID:	SB023	BORING DEPTH (FT): 15	CORE LENGTH (FT): NA
WELL ID:	NA	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DRILLING CONTRACTOR:	Associated	DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
DRILLING METHOD:	Direct Push	TIME STARTED: 10:30	TIME FINISHED: 10:45
DRILLING EQUIPMENT:	Geoprobe 7822 DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Dual Tube	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–5			5	FILL; dry and no odor.	0	0–5	
5–8			5			5–8	
8–10				Brown, fine to medium SAND, little gravel; dry and no odor.	0	8–10	
10–15			5			10–15	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 15 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	TOT2202
SITE ADDRESS:	737 4th ave, Brooklyn, NY
BORING ID:	SB024
WELL ID:	NA
DRILLING CONTRACTOR:	Associated
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822 DT
SAMPLING METHOD:	Dual Tube

PWGC

BORING DEPTH (FT): 25	CORE LENGTH (FT): NA
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
TIME STARTED: 08:00	TIME FINISHED: 09:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–6			5	FILL; dry and no odor.	0.7
6–8			3	Grey; fine SAND, some Silt, trace gravel; moist and petroleum odor.	2.7
10–12			5	Brown, fine SAND; dry and petroleum odor.	161
12–14					242
14–16			5	Brown, fine SAND; moist and petroleum odor.	110
16–18					89.2
18–20			5	Brown, fine SAND; wet and petroleum odor.	72.2
20–22					59.2
22–24					
24–26					

DEPTH (feet): 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

P.W. Grosser Consulting	**End of Boring Depth (feet):** 25	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	TOT2202		
SITE ADDRESS:	737 4th ave, Brooklyn, NY		
BORING ID:	SB025	BORING DEPTH (FT): 25	CORE LENGTH (FT): NA
WELL ID:	NA	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): NA
DRILLING CONTRACTOR:	Associated	DATE STARTED: 08/03/2022	DATE FINISHED: 08/03/2022
DRILLING METHOD:	Direct Push	TIME STARTED: 12:20	TIME FINISHED: 12:25
DRILLING EQUIPMENT:	Geoprobe 7822 DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Dual Tube	PROJECT MANAGER: Jennifer Lewis	LOGGED BY: Janelle Cooley

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
0–4			4	FILL; dry and no odor.	0	0–4	
4–8			4	Light Brown, fine SAND, little gravel; dry and no odor.	0	4–8	
8–12			4	Grey, fine SAND, little gravel; dry and no odor.	32.1	8–12	
12–16			4	Grey, fine SAND, little gravel; dry and no odor.	80.1	12–16	
16–20			4.5	Grey, fine SAND, little gravel; dry and no odor.	80.1	16–20	
20–22			4.5	Dark Grey, fine SAND, little gravel; dry and no odor.	161	20–22	▼
22–24			4.5	Dark Grey, fine SAND, little gravel; wet and no odor.	210	22–24	
24–26						24–26	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 25 | **Water Table Symbol:** ▼ | Page 1 of 1

APPENDIX B

Laboratory Analytical Reports

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Technical Report

prepared for:

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

Report Date: 08/12/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0306

Report Date: 08/12/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0306

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 August 04, 2022 and listed below. The project was identified as your project: **TOT2202/2101**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22H0306-01	SB024 (13-15)	Soil	08/03/2022	08/04/2022
22H0306-02	SB024 (15-17)	Soil	08/03/2022	08/04/2022
22H0306-03	SB017 (5-7)	Soil	08/03/2022	08/04/2022

General Notes for York Project (SDG) No.: 22H0306

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:

Date: 08/12/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								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	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.013**	CCVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.0038**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.052**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.019**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.18**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.098**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.20**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	**tert-Butylbenzene**	**0.021**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	08/08/2022 06:23	08/08/2022 17:37	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*233 %*	S-03	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
90-12-0	*** 1-Methylnaphthalene**	**16.7**		mg/kg dry	1.12	2.24	25	EPA 8270D	08/09/2022 08:01	08/10/2022 16:10	KH
								Certifications:			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**16.2**		mg/kg dry	0.562	1.12	25	EPA 8270D	08/09/2022 08:01	08/10/2022 16:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.27**		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.634**		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0898	0.179	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.116**		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**1.54**		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0739**	J	mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1.97**		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**3.89**		mg/kg dry	0.225	0.449	10	EPA 8270D	08/09/2022 08:01	08/10/2022 12:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.253**		mg/kg dry	0.0450	0.0898	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.5 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:28	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*48.6 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*34.6 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:42	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**4750**		mg/kg dry	5.68	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.71	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**18.1**		mg/kg dry	2.84	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**821**		mg/kg dry	5.68	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**8.22**		mg/kg dry	0.568	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.66**		mg/kg dry	0.455	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**7.31**		mg/kg dry	2.27	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10400**		mg/kg dry	28.4	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.23**		mg/kg dry	0.568	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1570**		mg/kg dry	5.68	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (13-15) **York Sample ID:** 22H0306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

Metals, Target Analyte

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

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
7439-96-5	**Manganese**	**345**		mg/kg dry	0.568	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**625**		mg/kg dry	5.68	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	56.8	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**11.8**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**22.2**		mg/kg dry	2.84	1	EPA 6010D	08/05/2022 13:02	08/09/2022 17:56	AJL
							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	ND		mg/kg dry	0.0324	1	EPA 7473	08/11/2022 09:05	08/11/2022 12:15	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.540	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**8.22**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/12/2022 13:12	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: **SB024 (13-15)** **York Sample ID:** **22H0306-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 8:45 am	08/04/2022

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**	**92.6**		%	0.100	1	SM 2540G	08/11/2022 13:47	08/11/2022 15:34	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB024 (15-17)** **York Sample ID:** **22H0306-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								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	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0065**	CCVE, J	mg/kg dry	0.0055	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.0060**		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.0044**	J	mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.019**		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.011**		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.021**		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:09	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**2.39**		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.143**		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0780**	J	mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.212**		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.284**		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.538**		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*32.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*32.6 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	08/10/2022 08:11	08/11/2022 06:46	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.6 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 01:55	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**4160**	B	mg/kg dry	5.46	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.89**		mg/kg dry	1.64	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**22.3**		mg/kg dry	2.73	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.110**		mg/kg dry	0.055	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**669**		mg/kg dry	5.46	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**7.39**		mg/kg dry	0.546	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.24**		mg/kg dry	0.437	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**7.49**		mg/kg dry	2.18	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9190**		mg/kg dry	27.3	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.85**		mg/kg dry	0.546	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1380**		mg/kg dry	5.46	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**260**		mg/kg dry	0.546	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (15-17) **York Sample ID:** 22H0306-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**9.98**		mg/kg dry	1.09	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**663**	B	mg/kg dry	5.46	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.546	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	54.6	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**9.93**		mg/kg dry	1.09	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**19.9**		mg/kg dry	2.73	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:34	AJL
							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	ND		mg/kg dry	0.0317	1	EPA 7473	08/11/2022 09:05	08/11/2022 12:24	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**7.39**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/12/2022 13:12	PAM
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB024 (15-17)** **York Sample ID:** **22H0306-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 9:00 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**94.8**		%	0.100	1	SM 2540G	08/11/2022 13:47	08/11/2022 15:34	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								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	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0053**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	08/08/2022 06:23	08/08/2022 18:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.381	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.381	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0950	0.190	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0476	0.0950	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.381	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.2 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0379	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:04	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:09	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*105 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**11800**	B	mg/kg dry	5.97	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.14**		mg/kg dry	1.79	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**23.9**		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.139**		mg/kg dry	0.060	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.917**		mg/kg dry	0.358	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1030**		mg/kg dry	5.97	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.597	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.84**		mg/kg dry	0.478	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**8.65**		mg/kg dry	2.39	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13300**		mg/kg dry	29.9	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.26**		mg/kg dry	0.597	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2400**		mg/kg dry	5.97	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**91.3**		mg/kg dry	0.597	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**12.2**		mg/kg dry	1.19	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**726**	B	mg/kg dry	5.97	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.597	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**144**		mg/kg dry	59.7	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.7**		mg/kg dry	1.19	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**30.5**		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:37	AJL
							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	ND		mg/kg dry	0.0346	1	EPA 7473	08/11/2022 09:05	08/11/2022 12:33	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.577	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.6**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/12/2022 13:12	PAM
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: SB017 (5-7) **York Sample ID:** 22H0306-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0306	TOT2202/2101	Soil	August 3, 2022 1:05 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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	86.6		%	0.100	1	SM 2540G	08/11/2022 13:47	08/11/2022 15:34	VR
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BH20260 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/08/22
22H0306-02	SB024 (15-17)	08/08/22
22H0306-03	SB017 (5-7)	08/08/22
BH20260-BLK1	Blank	08/08/22
BH20260-BS1	LCS	08/08/22
BH20260-BSD1	LCS Dup	08/08/22

Batch ID: BH20387 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-02	SB024 (15-17)	08/05/22
22H0306-03	SB017 (5-7)	08/05/22
BH20387-BLK1	Blank	08/05/22
BH20387-DUP1	Duplicate	08/05/22
BH20387-MS1	Matrix Spike	08/05/22
BH20387-PS1	Post Spike	08/05/22
BH20387-SRM1	Reference	08/05/22

Batch ID: BH20390 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/05/22
BH20390-BLK1	Blank	08/05/22
BH20390-DUP1	Duplicate	08/05/22
BH20390-MS1	Matrix Spike	08/05/22
BH20390-PS1	Post Spike	08/05/22
BH20390-SRM1	Reference	08/05/22

Batch ID: BH20510 **Preparation Method:** EPA 3546 SVOA **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/09/22
22H0306-01RE1	SB024 (13-15)	08/09/22
22H0306-01RE2	SB024 (13-15)	08/09/22
22H0306-02	SB024 (15-17)	08/09/22
22H0306-03	SB017 (5-7)	08/09/22
BH20510-MS1	Matrix Spike	08/09/22
BH20510-MSD1	Matrix Spike Dup	08/09/22

Batch ID: BH20590 **Preparation Method:** EPA 3550C **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/10/22

22H0306-01	SB024 (13-15)	08/10/22
22H0306-02	SB024 (15-17)	08/10/22
22H0306-02	SB024 (15-17)	08/10/22
22H0306-03	SB017 (5-7)	08/10/22
22H0306-03	SB017 (5-7)	08/10/22
BH20590-BLK1	Blank	08/10/22
BH20590-BLK2	Blank	08/10/22
BH20590-BS1	LCS	08/10/22
BH20590-BS2	LCS	08/10/22

Batch ID: BH20686 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/11/22
22H0306-02	SB024 (15-17)	08/11/22
22H0306-03	SB017 (5-7)	08/11/22
BH20686-BLK1	Blank	08/11/22
BH20686-DUP1	Duplicate	08/11/22
BH20686-MS1	Matrix Spike	08/11/22
BH20686-SRM1	Reference	08/11/22

Batch ID: BH20691 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/11/22
22H0306-02	SB024 (15-17)	08/11/22
22H0306-03	SB017 (5-7)	08/11/22
BH20691-BLK1	Blank	08/11/22
BH20691-DUP1	Duplicate	08/11/22
BH20691-MS1	Matrix Spike	08/11/22
BH20691-SRM1	Reference	08/11/22

Batch ID: BH20728 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/11/22
22H0306-02	SB024 (15-17)	08/11/22
22H0306-03	SB017 (5-7)	08/11/22
BH20728-DUP1	Duplicate	08/11/22

Batch ID: BH20742 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22H0306-01	SB024 (13-15)	08/11/22
22H0306-02	SB024 (15-17)	08/11/22
22H0306-03	SB017 (5-7)	08/11/22

Volatile Organic Compounds by GC/MS - Quality Control Data

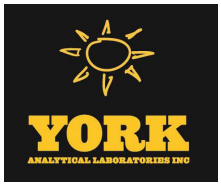
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20260 - EPA 5035A											
Blank (BH20260-BLK1)											Prepared & Analyzed: 08/08/2022
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	"								
Ethyl Benzene	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 Limit	Flag
Batch BH20260 - EPA 5035A											
Blank (BH20260-BLK1)											Prepared & Analyzed: 08/08/2022
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
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	*52.2*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20260 - EPA 5035A											
LCS (BH20260-BS1)							Prepared & Analyzed: 08/08/2022				
1,1,1,2-Tetrachloroethane	53.0		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	51.9		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.9		"	50.0		102	58-146				
1,1,2-Trichloroethane	51.0		"	50.0		102	83-123				
1,1-Dichloroethane	49.5		"	50.0		99.1	75-130				
1,1-Dichloroethylene	50.8		"	50.0		102	64-137				
1,1-Dichloropropylene	49.1		"	50.0		98.3	77-127				
1,2,3-Trichlorobenzene	50.4		"	50.0		101	81-140				
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125				
1,2-Dibromo-3-chloropropane	49.1		"	50.0		98.3	74-142				
1,2-Dibromoethane	53.8		"	50.0		108	86-123				
1,2-Dichlorobenzene	49.9		"	50.0		99.8	85-122				
1,2-Dichloroethane	52.5		"	50.0		105	71-133				
1,2-Dichloropropane	50.7		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	50.0		"	50.0		99.9	82-126				
1,3-Dichlorobenzene	51.0		"	50.0		102	84-124				
1,3-Dichloropropane	49.7		"	50.0		99.3	83-123				
1,4-Dichlorobenzene	51.3		"	50.0		103	84-124				
1,4-Dioxane	1130		"	1050		108	10-228				
2,2-Dichloropropane	54.4		"	50.0		109	67-136				
2-Butanone	48.3		"	50.0		96.5	58-147				
2-Chlorotoluene	51.0		"	50.0		102	78-127				
2-Hexanone	50.6		"	50.0		101	70-139				
4-Chlorotoluene	49.6		"	50.0		99.3	79-125				
4-Methyl-2-pentanone	51.1		"	50.0		102	72-132				
Acetone	60.5		"	50.0		121	36-155				
Acrolein	33.4		"	50.0		66.8	10-238				
Acrylonitrile	48.8		"	50.0		97.7	66-141				
Benzene	49.5		"	50.0		99.0	77-127				
Bromobenzene	49.5		"	50.0		99.0	77-129				
Bromochloromethane	50.7		"	50.0		101	74-129				
Bromodichloromethane	53.1		"	50.0		106	81-124				
Bromoform	51.7		"	50.0		103	80-136				
Bromomethane	56.0		"	50.0		112	32-177				
Carbon disulfide	55.6		"	50.0		111	10-136				
Carbon tetrachloride	54.2		"	50.0		108	66-143				
Chlorobenzene	52.8		"	50.0		106	86-120				
Chloroethane	54.6		"	50.0		109	51-142				
Chloroform	51.4		"	50.0		103	76-131				
Chloromethane	62.6		"	50.0		125	49-132				
cis-1,2-Dichloroethylene	49.3		"	50.0		98.7	74-132				
cis-1,3-Dichloropropylene	54.0		"	50.0		108	81-129				
Cyclohexane	45.2		"	50.0		90.4	70-130				
Dibromochloromethane	54.5		"	50.0		109	10-200				
Dibromomethane	51.3		"	50.0		103	83-124				
Dichlorodifluoromethane	78.0		"	50.0		156	28-158				
Ethyl Benzene	51.3		"	50.0		103	84-125				
Hexachlorobutadiene	50.4		"	50.0		101	83-133				

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 BH20260 - EPA 5035A											
LCS (BH20260-BS1)								Prepared & Analyzed: 08/08/2022			
Isopropylbenzene	52.5		ug/L	50.0		105	81-127				
Methyl acetate	43.1		"	50.0		86.3	41-143				
Methyl tert-butyl ether (MTBE)	50.6		"	50.0		101	74-131				
Methylcyclohexane	46.2		"	50.0		92.3	70-130				
Methylene chloride	48.6		"	50.0		97.3	57-141				
n-Butylbenzene	50.2		"	50.0		100	80-130				
n-Propylbenzene	50.9		"	50.0		102	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	51.4		"	50.0		103	85-125				
sec-Butylbenzene	50.7		"	50.0		101	83-125				
Styrene	51.2		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	324		"	250		129	70-130				
tert-Butylbenzene	51.3		"	50.0		103	80-127				
Tetrachloroethylene	46.0		"	50.0		92.1	80-129				
Toluene	49.4		"	50.0		98.8	85-121				
trans-1,2-Dichloroethylene	50.0		"	50.0		100	72-132				
trans-1,3-Dichloropropylene	47.8		"	50.0		95.7	78-132				
Trichloroethylene	51.1		"	50.0		102	84-123				
Trichlorofluoromethane	56.7		"	50.0		113	62-140				
Vinyl acetate	46.2		"	50.0		92.4	67-136				
Vinyl Chloride	60.2		"	50.0		120	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BH20260-BSD1)								Prepared & Analyzed: 08/08/2022			
1,1,1,2-Tetrachloroethane	54.4		ug/L	50.0		109	75-129		2.66	30	
1,1,1-Trichloroethane	54.6		"	50.0		109	71-137		3.98	30	
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	79-129		0.0964	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.6		"	50.0		105	58-146		3.15	30	
1,1,2-Trichloroethane	51.7		"	50.0		103	83-123		1.25	30	
1,1-Dichloroethane	51.2		"	50.0		102	75-130		3.32	30	
1,1-Dichloroethylene	53.1		"	50.0		106	64-137		4.45	30	
1,1-Dichloropropylene	50.6		"	50.0		101	77-127		3.03	30	
1,2,3-Trichlorobenzene	51.0		"	50.0		102	81-140		1.09	30	
1,2,3-Trichloropropane	53.4		"	50.0		107	81-126		1.64	30	
1,2,4-Trichlorobenzene	52.8		"	50.0		106	80-141		1.68	30	
1,2,4-Trimethylbenzene	53.1		"	50.0		106	84-125		2.79	30	
1,2-Dibromo-3-chloropropane	46.7		"	50.0		93.4	74-142		5.11	30	
1,2-Dibromoethane	53.5		"	50.0		107	86-123		0.634	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	85-122		0.719	30	
1,2-Dichloroethane	52.8		"	50.0		106	71-133		0.608	30	
1,2-Dichloropropane	52.6		"	50.0		105	81-122		3.79	30	
1,3,5-Trimethylbenzene	51.7		"	50.0		103	82-126		3.44	30	
1,3-Dichlorobenzene	52.1		"	50.0		104	84-124		2.02	30	
1,3-Dichloropropane	50.2		"	50.0		100	83-123		1.00	30	
1,4-Dichlorobenzene	52.1		"	50.0		104	84-124		1.64	30	
1,4-Dioxane	1120		"	1050		107	10-228		1.14	30	
2,2-Dichloropropane	57.1		"	50.0		114	67-136		4.73	30	
2-Butanone	44.6		"	50.0		89.3	58-147		7.81	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20260 - EPA 5035A											
LCS Dup (BH20260-BSD1)								Prepared & Analyzed: 08/08/2022			
2-Chlorotoluene	52.1		ug/L	50.0		104	78-127		2.15	30	
2-Hexanone	50.3		"	50.0		101	70-139		0.535	30	
4-Chlorotoluene	55.7		"	50.0		111	79-125		11.4	30	
4-Methyl-2-pentanone	50.5		"	50.0		101	72-132		1.10	30	
Acetone	64.0		"	50.0		128	36-155		5.54	30	
Acrolein	33.0		"	50.0		66.0	10-238		1.21	30	
Acrylonitrile	49.0		"	50.0		98.1	66-141		0.429	30	
Benzene	51.9		"	50.0		104	77-127		4.75	30	
Bromobenzene	50.3		"	50.0		101	77-129		1.54	30	
Bromochloromethane	52.2		"	50.0		104	74-129		2.86	30	
Bromodichloromethane	53.7		"	50.0		107	81-124		1.22	30	
Bromoform	49.7		"	50.0		99.4	80-136		3.91	30	
Bromomethane	59.5		"	50.0		119	32-177		6.08	30	
Carbon disulfide	58.5		"	50.0		117	10-136		4.94	30	
Carbon tetrachloride	56.2		"	50.0		112	66-143		3.75	30	
Chlorobenzene	54.1		"	50.0		108	86-120		2.47	30	
Chloroethane	56.8		"	50.0		114	51-142		4.00	30	
Chloroform	53.2		"	50.0		106	76-131		3.46	30	
Chloromethane	65.0		"	50.0		130	49-132		3.72	30	
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-132		5.29	30	
cis-1,3-Dichloropropylene	55.9		"	50.0		112	81-129		3.33	30	
Cyclohexane	47.9		"	50.0		95.9	70-130		5.88	30	
Dibromochloromethane	55.2		"	50.0		110	10-200		1.17	30	
Dibromomethane	51.8		"	50.0		104	83-124		0.951	30	
Dichlorodifluoromethane	79.2		"	50.0		158	28-158		1.51	30	
Ethyl Benzene	53.1		"	50.0		106	84-125		3.51	30	
Hexachlorobutadiene	53.0		"	50.0		106	83-133		5.13	30	
Isopropylbenzene	54.1		"	50.0		108	81-127		3.08	30	
Methyl acetate	41.9		"	50.0		83.9	41-143		2.84	30	
Methyl tert-butyl ether (MTBE)	51.6		"	50.0		103	74-131		1.94	30	
Methylcyclohexane	48.6		"	50.0		97.2	70-130		5.19	30	
Methylene chloride	50.5		"	50.0		101	57-141		3.75	30	
n-Butylbenzene	51.2		"	50.0		102	80-130		2.09	30	
n-Propylbenzene	52.5		"	50.0		105	74-136		3.06	30	
o-Xylene	54.6		"	50.0		109	83-123		3.01	30	
p- & m- Xylenes	107		"	100		107	82-128		3.60	30	
p-Isopropyltoluene	53.1		"	50.0		106	85-125		3.14	30	
sec-Butylbenzene	52.4		"	50.0		105	83-125		3.41	30	
Styrene	53.0		"	50.0		106	86-126		3.53	30	
tert-Butyl alcohol (TBA)	334		"	250		134	70-130	High Bias	3.25	30	
tert-Butylbenzene	53.1		"	50.0		106	80-127		3.47	30	
Tetrachloroethylene	47.3		"	50.0		94.6	80-129		2.66	30	
Toluene	51.0		"	50.0		102	85-121		3.07	30	
trans-1,2-Dichloroethylene	52.9		"	50.0		106	72-132		5.69	30	
trans-1,3-Dichloropropylene	49.4		"	50.0		98.9	78-132		3.29	30	
Trichloroethylene	52.5		"	50.0		105	84-123		2.66	30	
Trichlorofluoromethane	58.5		"	50.0		117	62-140		3.07	30	
Vinyl acetate	48.7		"	50.0		97.4	67-136		5.23	30	
Vinyl Chloride	63.1		"	50.0		126	52-130		4.82	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

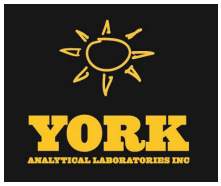
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20260 - EPA 5035A											
LCS Dup (BH20260-BSD1)								Prepared & Analyzed: 08/08/2022			
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*ug/L*	*50.0*		*100*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20510 - EPA 3546 SVOA											
Matrix Spike (BH20510-MS1)	*Source sample: 22H0308-09 (Matrix Spike)							Prepared & Analyzed: 08/09/2022			
1,1-Biphenyl	0.447	0.0831	mg/kg wet	0.831	ND	53.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.472	0.166	"	0.831	ND	56.9	10-133				
1,2,4-Trichlorobenzene	0.410	0.0831	"	0.831	ND	49.4	10-127				
1,2-Dichlorobenzene	0.389	0.0831	"	0.831	ND	46.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.447	0.0831	"	0.831	ND	53.8	10-144				
1,3-Dichlorobenzene	0.373	0.0831	"	0.831	ND	45.0	11-111				
1,4-Dichlorobenzene	0.427	0.0831	"	0.831	ND	51.4	10-106				
2,3,4,6-Tetrachlorophenol	0.389	0.166	"	0.831	ND	46.9	30-130				
2,4,5-Trichlorophenol	0.433	0.0831	"	0.831	ND	52.1	10-127				
2,4,6-Trichlorophenol	0.475	0.0831	"	0.831	ND	57.2	10-132				
2,4-Dichlorophenol	0.435	0.0831	"	0.831	ND	52.4	10-128				
2,4-Dimethylphenol	0.400	0.0831	"	0.831	ND	48.2	10-137				
2,4-Dinitrophenol	ND	0.166	"	0.831	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.522	0.0831	"	0.831	ND	62.9	16-135				
2,6-Dinitrotoluene	0.501	0.0831	"	0.831	ND	60.3	18-131				
2-Chloronaphthalene	0.419	0.0831	"	0.831	ND	50.5	10-129				
2-Chlorophenol	0.373	0.0831	"	0.831	ND	44.9	15-116				
2-Methylnaphthalene	0.439	0.0831	"	0.831	ND	52.9	10-147				
2-Methylphenol	0.373	0.0831	"	0.831	ND	44.9	10-136				
2-Nitroaniline	0.482	0.166	"	0.831	ND	58.0	10-137				
2-Nitrophenol	0.490	0.0831	"	0.831	ND	59.0	10-129				
3- & 4-Methylphenols	0.369	0.0831	"	0.831	ND	44.4	10-123				
3,3-Dichlorobenzidine	0.565	0.0831	"	0.831	ND	68.1	10-155				
3-Nitroaniline	0.501	0.166	"	0.831	ND	60.3	12-133				
4,6-Dinitro-2-methylphenol	0.230	0.166	"	0.831	ND	27.7	10-155				
4-Bromophenyl phenyl ether	0.465	0.0831	"	0.831	ND	56.0	14-128				
4-Chloro-3-methylphenol	0.532	0.0831	"	0.831	ND	64.1	10-134				
4-Chloroaniline	0.376	0.0831	"	0.831	ND	45.3	10-145				
4-Chlorophenyl phenyl ether	0.481	0.0831	"	0.831	ND	57.9	14-130				
4-Nitroaniline	0.447	0.166	"	0.831	ND	53.8	10-147				
4-Nitrophenol	0.460	0.166	"	0.831	ND	55.4	10-137				
Acenaphthene	0.405	0.0831	"	0.831	ND	48.7	10-146				
Acenaphthylene	0.407	0.0831	"	0.831	ND	49.0	10-134				
Acetophenone	0.452	0.0831	"	0.831	ND	54.5	10-116				
Aniline	0.302	0.333	"	0.831	ND	36.4	10-123				
Anthracene	0.482	0.0831	"	0.831	ND	58.0	10-142				
Atrazine	0.528	0.0831	"	0.831	ND	63.5	19-115				
Benzaldehyde	0.395	0.0831	"	0.831	ND	47.5	10-125				
Benzo(a)anthracene	0.478	0.0831	"	0.831	ND	57.5	10-158				
Benzo(a)pyrene	0.449	0.0831	"	0.831	ND	54.0	10-180				
Benzo(b)fluoranthene	0.446	0.0831	"	0.831	ND	53.7	10-200				
Benzo(g,h,i)perylene	0.472	0.0831	"	0.831	ND	56.8	10-138				
Benzo(k)fluoranthene	0.488	0.0831	"	0.831	ND	58.8	10-197				
Benzoic acid	1.04	0.0831	"	0.831	ND	126	10-166				
Benzyl alcohol	0.302	0.0831	"	0.831	ND	36.4	12-124				
Benzyl butyl phthalate	0.486	0.0831	"	0.831	ND	58.5	10-154				
Bis(2-chloroethoxy)methane	0.355	0.0831	"	0.831	ND	42.7	10-132				
Bis(2-chloroethyl)ether	0.384	0.0831	"	0.831	ND	46.2	10-119				
Bis(2-chloroisopropyl)ether	0.190	0.0831	"	0.831	ND	22.9	10-139				
Bis(2-ethylhexyl)phthalate	0.537	0.0831	"	0.831	ND	64.6	10-167				
Caprolactam	0.429	0.166	"	0.831	ND	51.7	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 BH20510 - EPA 3546 SVOA											
Matrix Spike (BH20510-MS1)	*Source sample: 22H0308-09 (Matrix Spike)						Prepared & Analyzed: 08/09/2022				
Carbazole	0.498	0.0831	mg/kg wet	0.831	ND	59.9	10-167				
Chrysene	0.470	0.0831	"	0.831	ND	56.6	10-156				
Dibenzo(a,h)anthracene	0.506	0.0831	"	0.831	ND	60.9	10-137				
Dibenzofuran	0.432	0.0831	"	0.831	ND	52.0	10-147				
Diethyl phthalate	0.476	0.0831	"	0.831	ND	57.4	20-120				
Dimethyl phthalate	0.460	0.0831	"	0.831	ND	55.4	18-131				
Di-n-butyl phthalate	0.468	0.0831	"	0.831	ND	56.3	10-137				
Di-n-octyl phthalate	0.563	0.0831	"	0.831	ND	67.8	10-180				
Fluoranthene	0.482	0.0831	"	0.831	ND	58.0	10-160				
Fluorene	0.447	0.0831	"	0.831	ND	53.8	10-157				
Hexachlorobenzene	0.469	0.0831	"	0.831	ND	56.5	10-137				
Hexachlorobutadiene	0.461	0.0831	"	0.831	ND	55.5	10-132				
Hexachlorocyclopentadiene	0.121	0.0831	"	0.831	ND	14.6	10-106				
Hexachloroethane	0.365	0.0831	"	0.831	ND	43.9	10-110				
Indeno(1,2,3-cd)pyrene	0.630	0.0831	"	0.831	ND	75.8	10-144				
Isophorone	0.392	0.0831	"	0.831	ND	47.2	10-132				
Naphthalene	0.417	0.0831	"	0.831	ND	50.2	10-141				
Nitrobenzene	0.496	0.0831	"	0.831	ND	59.8	10-131				
N-Nitrosodimethylamine	0.318	0.0831	"	0.831	ND	38.3	10-126				
N-nitroso-di-n-propylamine	0.302	0.0831	"	0.831	ND	36.4	10-125				
N-Nitrosodiphenylamine	0.522	0.0831	"	0.831	ND	62.8	10-177				
Pentachlorophenol	0.131	0.0831	"	0.831	ND	15.8	10-153				
Phenanthrene	0.452	0.0831	"	0.831	ND	54.5	10-148				
Phenol	0.445	0.0831	"	0.831	ND	53.6	10-126				
Pyrene	0.419	0.0831	"	0.831	ND	50.5	10-165				
Pyridine	0.259	0.333	"	0.831	ND	31.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.553*		*"*	*1.66*		*33.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.589*		*"*	*1.66*		*35.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.381*		*"*	*0.831*		*45.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.353*		*"*	*0.831*		*42.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.668*		*"*	*1.66*		*40.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.384*		*"*	*0.831*		*46.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH20510 - EPA 3546 SVOA

Matrix Spike Dup (BH20510-MSD1) *Source sample: 22H0308-09 (Matrix Spike Dup) Prepared & Analyzed: 08/09/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.654	0.0831	mg/kg wet	0.831	ND	78.8	10-130		37.6	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.716	0.166	"	0.831	ND	86.2	10-133		41.0	30	Non-dir.
1,2,4-Trichlorobenzene	0.567	0.0831	"	0.831	ND	68.3	10-127		32.2	30	Non-dir.
1,2-Dichlorobenzene	0.589	0.0831	"	0.831	ND	71.0	14-111		41.0	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.629	0.0831	"	0.831	ND	75.8	10-144		33.8	30	Non-dir.
1,3-Dichlorobenzene	0.553	0.0831	"	0.831	ND	66.6	11-111		38.9	30	Non-dir.
1,4-Dichlorobenzene	0.612	0.0831	"	0.831	ND	73.7	10-106		35.5	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.837	0.166	"	0.831	ND	101	30-130		73.0	30	Non-dir.
2,4,5-Trichlorophenol	0.579	0.0831	"	0.831	ND	69.7	10-127		28.9	30	
2,4,6-Trichlorophenol	0.663	0.0831	"	0.831	ND	79.8	10-132		33.0	30	Non-dir.
2,4-Dichlorophenol	0.639	0.0831	"	0.831	ND	76.9	10-128		37.9	30	Non-dir.
2,4-Dimethylphenol	0.453	0.0831	"	0.831	ND	54.6	10-137		12.5	30	
2,4-Dinitrophenol	ND	0.166	"	0.831	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.698	0.0831	"	0.831	ND	84.1	16-135		28.9	30	
2,6-Dinitrotoluene	0.762	0.0831	"	0.831	ND	91.8	18-131		41.3	30	Non-dir.
2-Chloronaphthalene	0.586	0.0831	"	0.831	ND	70.6	10-129		33.2	30	Non-dir.
2-Chlorophenol	0.553	0.0831	"	0.831	ND	66.6	15-116		39.0	30	Non-dir.
2-Methylnaphthalene	0.597	0.0831	"	0.831	ND	71.9	10-147		30.5	30	Non-dir.
2-Methylphenol	0.547	0.0831	"	0.831	ND	65.8	10-136		37.9	30	Non-dir.
2-Nitroaniline	0.718	0.166	"	0.831	ND	86.5	10-137		39.4	30	Non-dir.
2-Nitrophenol	0.641	0.0831	"	0.831	ND	77.1	10-129		26.6	30	
3- & 4-Methylphenols	0.482	0.0831	"	0.831	ND	58.0	10-123		26.6	30	
3,3-Dichlorobenzidine	0.803	0.0831	"	0.831	ND	96.6	10-155		34.7	30	Non-dir.
3-Nitroaniline	0.747	0.166	"	0.831	ND	89.9	12-133		39.4	30	Non-dir.
4,6-Dinitro-2-methylphenol	0.362	0.166	"	0.831	ND	43.6	10-155		44.7	30	Non-dir.
4-Bromophenyl phenyl ether	0.663	0.0831	"	0.831	ND	79.8	14-128		35.1	30	Non-dir.
4-Chloro-3-methylphenol	0.768	0.0831	"	0.831	ND	92.5	10-134		36.3	30	Non-dir.
4-Chloroaniline	0.578	0.0831	"	0.831	ND	69.6	10-145		42.3	30	Non-dir.
4-Chlorophenyl phenyl ether	0.658	0.0831	"	0.831	ND	79.2	14-130		31.0	30	Non-dir.
4-Nitroaniline	0.611	0.166	"	0.831	ND	73.5	10-147		30.9	30	Non-dir.
4-Nitrophenol	0.492	0.166	"	0.831	ND	59.2	10-137		6.70	30	
Acenaphthene	0.605	0.0831	"	0.831	ND	72.8	10-146		39.6	30	Non-dir.
Acenaphthylene	0.580	0.0831	"	0.831	ND	69.8	10-134		35.0	30	Non-dir.
Acetophenone	0.605	0.0831	"	0.831	ND	72.9	10-116		28.9	30	
Aniline	0.456	0.333	"	0.831	ND	55.0	10-123		40.6	30	Non-dir.
Anthracene	0.639	0.0831	"	0.831	ND	77.0	10-142		28.1	30	
Atrazine	0.785	0.0831	"	0.831	ND	94.5	19-115		39.2	30	Non-dir.
Benzaldehyde	0.581	0.0831	"	0.831	ND	70.0	10-125		38.3	30	Non-dir.
Benzo(a)anthracene	0.646	0.0831	"	0.831	ND	77.8	10-158		29.9	30	
Benzo(a)pyrene	0.591	0.0831	"	0.831	ND	71.2	10-180		27.5	30	
Benzo(b)fluoranthene	0.631	0.0831	"	0.831	ND	76.0	10-200		34.4	30	Non-dir.
Benzo(g,h,i)perylene	0.767	0.0831	"	0.831	ND	92.3	10-138		47.6	30	Non-dir.
Benzo(k)fluoranthene	0.668	0.0831	"	0.831	ND	80.5	10-197		31.1	30	Non-dir.
Benzoic acid	1.41	0.0831	"	0.831	ND	170	10-166	High Bias	30.2	30	Non-dir.
Benzyl alcohol	0.487	0.0831	"	0.831	ND	58.6	12-124		46.8	30	Non-dir.
Benzyl butyl phthalate	0.648	0.0831	"	0.831	ND	78.0	10-154		28.6	30	
Bis(2-chloroethoxy)methane	0.516	0.0831	"	0.831	ND	62.1	10-132		36.9	30	Non-dir.
Bis(2-chloroethyl)ether	0.578	0.0831	"	0.831	ND	69.6	10-119		40.3	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.294	0.0831	"	0.831	ND	35.4	10-139		42.9	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.718	0.0831	"	0.831	ND	86.5	10-167		28.9	30	
Caprolactam	0.617	0.166	"	0.831	ND	74.2	10-132		35.8	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20510 - EPA 3546 SVOA											
Matrix Spike Dup (BH20510-MSD1)	*Source sample: 22H0308-09 (Matrix Spike Dup)							Prepared & Analyzed: 08/09/2022			
Carbazole	0.698	0.0831	mg/kg wet	0.831	ND	84.1	10-167		33.6	30	Non-dir.
Chrysene	0.640	0.0831	"	0.831	ND	77.0	10-156		30.5	30	Non-dir.
Dibenzo(a,h)anthracene	0.704	0.0831	"	0.831	ND	84.8	10-137		32.8	30	Non-dir.
Dibenzofuran	0.627	0.0831	"	0.831	ND	75.5	10-147		36.9	30	Non-dir.
Diethyl phthalate	0.658	0.0831	"	0.831	ND	79.3	20-120		32.1	30	Non-dir.
Dimethyl phthalate	0.668	0.0831	"	0.831	ND	80.4	18-131		36.9	30	Non-dir.
Di-n-butyl phthalate	0.662	0.0831	"	0.831	ND	79.8	10-137		34.5	30	Non-dir.
Di-n-octyl phthalate	0.751	0.0831	"	0.831	ND	90.5	10-180		28.7	30	
Fluoranthene	0.649	0.0831	"	0.831	ND	78.2	10-160		29.6	30	
Fluorene	0.624	0.0831	"	0.831	ND	75.1	10-157		33.0	30	Non-dir.
Hexachlorobenzene	0.587	0.0831	"	0.831	ND	70.6	10-137		22.3	30	
Hexachlorobutadiene	0.662	0.0831	"	0.831	ND	79.7	10-132		35.7	30	Non-dir.
Hexachlorocyclopentadiene	0.238	0.0831	"	0.831	ND	28.6	10-106		65.2	30	Non-dir.
Hexachloroethane	0.531	0.0831	"	0.831	ND	63.9	10-110		37.1	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.885	0.0831	"	0.831	ND	107	10-144		33.7	30	Non-dir.
Isophorone	0.579	0.0831	"	0.831	ND	69.7	10-132		38.5	30	Non-dir.
Naphthalene	0.592	0.0831	"	0.831	ND	71.3	10-141		34.6	30	Non-dir.
Nitrobenzene	0.662	0.0831	"	0.831	ND	79.8	10-131		28.7	30	
N-Nitrosodimethylamine	0.491	0.0831	"	0.831	ND	59.1	10-126		42.7	30	Non-dir.
N-nitroso-di-n-propylamine	0.609	0.0831	"	0.831	ND	73.4	10-125		67.3	30	Non-dir.
N-Nitrosodiphenylamine	0.756	0.0831	"	0.831	ND	91.0	10-177		36.7	30	Non-dir.
Pentachlorophenol	0.268	0.0831	"	0.831	ND	32.2	10-153		68.7	30	Non-dir.
Phenanthrene	0.632	0.0831	"	0.831	ND	76.1	10-148		33.1	30	Non-dir.
Phenol	0.610	0.0831	"	0.831	ND	73.4	10-126		31.2	30	Non-dir.
Pyrene	0.584	0.0831	"	0.831	ND	70.3	10-165		32.8	30	Non-dir.
Pyridine	0.404	0.333	"	0.831	ND	48.6	10-83		43.7	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.912*		*"*	*1.66*		*54.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.896*		*"*	*1.66*		*54.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.572*		*"*	*0.831*		*68.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.493*		*"*	*0.831*		*59.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.996*		*"*	*1.66*		*60.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.515*		*"*	*0.831*		*62.0*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20590 - EPA 3550C											
Blank (BH20590-BLK1)											Prepared & Analyzed: 08/10/2022
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0584*		*"*	*0.0664*		*87.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0620*		*"*	*0.0664*		*93.3*	*30-150*				
LCS (BH20590-BS1)											Prepared & Analyzed: 08/10/2022
4,4'-DDD	0.0236	0.00164	mg/kg wet	0.0332		71.2	40-140				
4,4'-DDE	0.0224	0.00164	"	0.0332		67.5	40-140				
4,4'-DDT	0.0155	0.00164	"	0.0332		46.8	40-140				
Aldrin	0.0238	0.00164	"	0.0332		71.6	40-140				
alpha-BHC	0.0253	0.00164	"	0.0332		76.0	40-140				
alpha-Chlordane	0.0260	0.00164	"	0.0332		78.4	40-140				
beta-BHC	0.0271	0.00164	"	0.0332		81.5	40-140				
delta-BHC	0.0242	0.00164	"	0.0332		72.7	40-140				
Dieldrin	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan I	0.0279	0.00164	"	0.0332		84.1	40-140				
Endosulfan II	0.0255	0.00164	"	0.0332		76.8	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.6	40-140				
Endrin	0.0219	0.00164	"	0.0332		65.8	40-140				
Endrin aldehyde	0.0246	0.00164	"	0.0332		74.1	40-140				
Endrin ketone	0.0240	0.00164	"	0.0332		72.2	40-140				
gamma-BHC (Lindane)	0.0250	0.00164	"	0.0332		75.2	40-140				
gamma-Chlordane	0.0258	0.00164	"	0.0332		77.6	40-140				
Heptachlor	0.0246	0.00164	"	0.0332		73.9	40-140				
Heptachlor epoxide	0.0270	0.00164	"	0.0332		81.3	40-140				
Methoxychlor	0.0149	0.00164	"	0.0332		44.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0545*		*"*	*0.0664*		*82.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0576*		*"*	*0.0664*		*86.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20590 - EPA 3550C											
Blank (BH20590-BLK2)											Prepared & Analyzed: 08/10/2022
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0661*		*"*	*0.0664*		*99.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0754*		*"*	*0.0664*		*114*	*30-120*				
LCS (BH20590-BS2)											Prepared: 08/10/2022 Analyzed: 08/11/2022
Aroclor 1016	0.228	0.0166	mg/kg wet	0.332		68.7	40-130				
Aroclor 1260	0.255	0.0166	"	0.332		76.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0502*		*"*	*0.0664*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20387 - EPA 3050B											
Blank (BH20387-BLK1)											
Prepared: 08/05/2022 Analyzed: 08/09/2022											
Aluminum	7.15	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	ND	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	6.17	6.00	"								
Selenium	ND	3.00	"								
Silver	ND	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								
Duplicate (BH20387-DUP1)	*Source sample: 22H0308-04 (Duplicate)										
Prepared: 08/05/2022 Analyzed: 08/09/2022											
Aluminum	5350	5.08	mg/kg wet		5580				4.19	35	
Antimony	ND	2.54	"		ND					35	
Arsenic	2.49	1.53	"		2.69				7.69	35	
Barium	33.9	2.54	"		26.8				23.6	35	
Beryllium	ND	0.051	"		ND					35	
Cadmium	ND	0.305	"		ND					35	
Calcium	694	5.08	"		713				2.70	35	
Chromium	11.6	0.508	"		13.2				13.0	35	
Cobalt	5.34	0.407	"		5.53				3.39	35	
Copper	9.42	2.03	"		9.62				2.12	35	
Iron	9270	25.4	"		11500				21.5	35	
Lead	10.8	0.508	"		10.8				0.00195	35	
Magnesium	1610	5.08	"		1930				18.3	35	
Manganese	207	0.508	"		153				30.1	35	
Nickel	12.3	1.02	"		15.2				21.4	35	
Potassium	480	5.08	"		959				66.5	35	Non-dir.
Selenium	ND	2.54	"		ND					35	
Silver	ND	0.508	"		ND					35	
Sodium	ND	50.8	"		ND					35	
Thallium	ND	2.54	"		ND					35	
Vanadium	18.1	1.02	"		23.3				25.2	35	
Zinc	43.0	2.54	"		45.8				6.25	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20387 - EPA 3050B											
Matrix Spike (BH20387-MS1)	*Source sample: 22H0308-04 (Matrix Spike)								Prepared: 08/05/2022 Analyzed: 08/09/2022		
Aluminum	5650	5.08	mg/kg wet	169	5580	37.5	75-125	Low Bias			
Antimony	5.90	2.54	"	21.2	ND	27.9	75-125	Low Bias			
Arsenic	161	1.53	"	169	2.69	93.3	75-125				
Barium	187	2.54	"	169	26.8	94.7	75-125				
Beryllium	3.87	0.051	"	4.24	ND	91.2	75-125				
Cadmium	3.97	0.305	"	4.24	ND	93.7	75-125				
Calcium	986	5.08	"	84.7	713	322	75-125	High Bias			
Chromium	28.3	0.508	"	16.9	13.2	88.7	75-125				
Cobalt	47.9	0.407	"	42.4	5.53	99.9	75-125				
Copper	31.4	2.03	"	21.2	9.62	103	75-125				
Iron	10000	25.4	"	84.7	11500	NR	75-125	Low Bias			
Lead	57.1	0.508	"	42.4	10.8	109	75-125				
Magnesium	2300	5.08	"	84.7	1930	440	75-125	High Bias			
Manganese	175	0.508	"	42.4	153	52.0	75-125	Low Bias			
Nickel	56.3	1.02	"	42.4	15.2	96.9	75-125				
Potassium	879	5.08	"	84.7	959	NR	75-125	Low Bias			
Selenium	126	2.54	"	169	ND	74.5	75-125	Low Bias			
Silver	1.68	0.508	"	4.24	ND	39.6	75-125	Low Bias			
Sodium	112	50.8	"	84.7	ND	132	75-125	High Bias			
Thallium	159	2.54	"	169	ND	93.9	75-125				
Vanadium	60.2	1.02	"	42.4	23.3	87.1	75-125				
Zinc	105	2.54	"	42.4	45.8	139	75-125	High Bias			
Post Spike (BH20387-PS1)	*Source sample: 22H0308-04 (Post Spike)								Prepared: 08/05/2022 Analyzed: 08/09/2022		
Aluminum	66.7		ug/mL	2.00	55.8	543	75-125	High Bias			
Antimony	0.217		"	0.250	-0.011	86.9	75-125				
Arsenic	1.87		"	2.00	0.027	92.0	75-125				
Barium	2.27		"	2.00	0.268	100	75-125				
Beryllium	0.045		"	0.0500	-0.001	90.9	75-125				
Cadmium	0.047		"	0.0500	-0.000003	93.5	75-125				
Calcium	9.04		"	1.00	7.13	191	75-125	High Bias			
Chromium	0.335		"	0.200	0.132	102	75-125				
Cobalt	0.562		"	0.500	0.055	101	75-125				
Copper	0.357		"	0.250	0.096	104	75-125				
Iron	133		"	1.00	115	NR	75-125	High Bias			
Lead	0.611		"	0.500	0.108	101	75-125				
Magnesium	22.3		"	1.00	19.3	305	75-125	High Bias			
Manganese	2.25		"	0.500	1.53	144	75-125	High Bias			
Nickel	0.677		"	0.500	0.152	105	75-125				
Potassium	11.6		"	1.00	9.59	205	75-125	High Bias			
Selenium	1.46		"	2.00	-0.123	72.8	75-125	Low Bias			
Silver	0.010		"	0.0500	-0.024	19.6	75-125	Low Bias			
Sodium	0.652		"	1.00	-1.03	65.2	75-125	Low Bias			
Thallium	1.87		"	2.00	-0.062	93.7	75-125				
Vanadium	0.728		"	0.500	0.233	98.9	75-125				
Zinc	1.00		"	0.500	0.458	109	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20387 - EPA 3050B											
Reference (BH20387-SRM1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	9300	6.00	mg/kg wet	10100		92.1	39.5-118.8				
Antimony	84.1	3.00	"	244		34.5	10-123				
Arsenic	98.8	1.80	"	109		90.6	63.7-118.3				
Barium	365	3.00	"	364		100	70.3-117				
Beryllium	54.0	0.060	"	57.0		94.8	69.3-115.4				
Cadmium	44.1	0.360	"	48.7		90.7	67.8-112.9				
Calcium	4650	6.00	"	5190		89.7	66.3-116.6				
Chromium	166	0.600	"	173		96.1	65.3-120.8				
Cobalt	151	0.480	"	148		102	70.3-117.6				
Copper	185	2.40	"	179		104	70.9-117.9				
Iron	13900	30.0	"	15000		92.5	36.8-162.7				
Lead	101	0.600	"	101		100	69.1-126.7				
Magnesium	2470	6.00	"	2570		96.2	56.4-124.9				
Manganese	360	0.600	"	370		97.3	72.2-119.2				
Nickel	61.1	1.20	"	52.2		117	63.4-117.8				
Potassium	2280	6.00	"	2420		94.1	49.6-118.6				
Selenium	67.5	3.00	"	104		64.9	58.5-122.1				
Silver	24.8	0.600	"	29.9		83.1	63.5-123.7				
Sodium	625	60.0	"	161		388	30.1-139.1	High Bias			
Thallium	87.3	3.00	"	101		86.4	59.8-120.8				
Vanadium	183	1.20	"	194		94.6	73.2-117				
Zinc	400	3.00	"	431		92.7	74.9-121.1				
Batch BH20390 - EPA 3050B											
Blank (BH20390-BLK1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	ND	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	ND	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	ND	6.00	"								
Selenium	ND	3.00	"								
Silver	0.704	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20390 - EPA 3050B											
Duplicate (BH20390-DUP1)	*Source sample: 22H0308-09 (Duplicate)								Prepared: 08/05/2022 Analyzed: 08/10/2022		
Aluminum	5520	5.00	mg/kg wet		6180				11.3	35	
Antimony	ND	2.50	"		ND					35	
Arsenic	2.34	1.50	"		2.31				1.68	35	
Barium	21.2	2.50	"		22.4				5.53	35	
Beryllium	ND	0.050	"		ND					35	
Cadmium	ND	0.300	"		ND					35	
Calcium	679	5.00	"		746				9.36	35	
Chromium	8.75	0.500	"		9.73				10.6	35	
Cobalt	5.19	0.400	"		5.75				10.2	35	
Copper	8.06	2.00	"		9.47				16.1	35	
Iron	11900	25.0	"		12900				7.43	35	
Lead	10.1	0.500	"		11.1				9.17	35	
Magnesium	1800	5.00	"		1970				8.88	35	
Manganese	177	0.500	"		206				15.2	35	
Nickel	9.88	1.00	"		13.0				27.1	35	
Potassium	653	5.00	"		866				28.0	35	
Selenium	ND	2.50	"		ND					35	
Silver	ND	0.500	"		ND					35	
Sodium	ND	50.0	"		ND					35	
Thallium	ND	2.50	"		ND					35	
Vanadium	14.0	1.00	"		15.2				8.48	35	
Zinc	24.7	2.50	"		26.2				6.25	35	
Matrix Spike (BH20390-MS1)	*Source sample: 22H0308-09 (Matrix Spike)								Prepared: 08/05/2022 Analyzed: 08/10/2022		
Aluminum	6600	5.08	mg/kg wet	169	6180	252	75-125	High Bias			
Antimony	9.67	2.54	"	21.2	ND	45.6	75-125	Low Bias			
Arsenic	180	1.53	"	169	2.31	105	75-125				
Barium	216	2.54	"	169	22.4	114	75-125				
Beryllium	4.57	0.051	"	4.24	ND	108	75-125				
Cadmium	4.75	0.305	"	4.24	ND	112	75-125				
Calcium	807	5.08	"	84.7	746	71.8	75-125	Low Bias			
Chromium	27.7	0.508	"	16.9	9.73	106	75-125				
Cobalt	53.9	0.407	"	42.4	5.75	114	75-125				
Copper	34.3	2.03	"	21.2	9.47	117	75-125				
Iron	13300	25.4	"	84.7	12900	501	75-125	High Bias			
Lead	61.6	0.508	"	42.4	11.1	119	75-125				
Magnesium	2040	5.08	"	84.7	1970	83.5	75-125				
Manganese	246	0.508	"	42.4	206	94.8	75-125				
Nickel	61.0	1.02	"	42.4	13.0	113	75-125				
Potassium	841	5.08	"	84.7	866	NR	75-125	Low Bias			
Selenium	139	2.54	"	169	ND	82.2	75-125				
Silver	3.83	0.508	"	4.24	ND	90.4	75-125				
Sodium	181	50.8	"	84.7	ND	214	75-125	High Bias			
Thallium	174	2.54	"	169	ND	103	75-125				
Vanadium	61.0	1.02	"	42.4	15.2	108	75-125				
Zinc	72.6	2.54	"	42.4	26.2	110	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20390 - EPA 3050B											
Post Spike (BH20390-PS1)	*Source sample: 22H0308-09 (Post Spike)							Prepared: 08/05/2022 Analyzed: 08/10/2022			
Aluminum	72.6		ug/mL	2.00	61.8	541	75-125	High Bias			
Antimony	0.255		"	0.250	0.002	101	75-125				
Arsenic	2.00		"	2.00	0.023	98.7	75-125				
Barium	2.34		"	2.00	0.224	106	75-125				
Beryllium	0.048		"	0.0500	-0.001	96.9	75-125				
Cadmium	0.052		"	0.0500	-0.0003	104	75-125				
Calcium	9.32		"	1.00	7.46	186	75-125	High Bias			
Chromium	0.304		"	0.200	0.097	103	75-125				
Cobalt	0.586		"	0.500	0.057	106	75-125				
Copper	0.373		"	0.250	0.095	111	75-125				
Iron	148		"	1.00	129	NR	75-125	High Bias			
Lead	0.673		"	0.500	0.111	112	75-125				
Magnesium	23.2		"	1.00	19.7	349	75-125	High Bias			
Manganese	2.87		"	0.500	2.06	161	75-125	High Bias			
Nickel	0.672		"	0.500	0.130	108	75-125				
Potassium	10.3		"	1.00	8.66	166	75-125	High Bias			
Selenium	1.54		"	2.00	-0.132	76.9	75-125				
Silver	0.035		"	0.0500	-0.006	70.4	75-125	Low Bias			
Sodium	1.83		"	1.00	0.170	166	75-125	High Bias			
Thallium	1.91		"	2.00	-0.008	95.3	75-125				
Vanadium	0.671		"	0.500	0.152	104	75-125				
Zinc	0.790		"	0.500	0.262	106	75-125				
Reference (BH20390-SRM1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	89.5		ug/mL	101		88.6	39.5-118.8				
Antimony	0.788		"	2.44		32.3	10-123				
Arsenic	0.960		"	1.09		88.1	63.7-118.3				
Barium	3.65		"	3.64		100	70.3-117				
Beryllium	0.534		"	0.570		93.6	69.3-115.4				
Cadmium	0.441		"	0.487		90.5	67.8-112.9				
Calcium	49.1		"	51.9		94.7	66.3-116.6				
Chromium	1.63		"	1.73		94.3	65.3-120.8				
Cobalt	1.47		"	1.48		99.1	70.3-117.6				
Copper	1.88		"	1.79		105	70.9-117.9				
Iron	139		"	150		92.8	36.8-162.7				
Lead	1.05		"	1.01		104	69.1-126.7				
Magnesium	24.0		"	25.7		93.4	56.4-124.9				
Manganese	3.73		"	3.70		101	72.2-119.2				
Nickel	0.643		"	0.522		123	63.4-117.8	High Bias			
Potassium	19.8		"	24.2		81.7	49.6-118.6				
Selenium	0.682		"	1.04		65.6	58.5-122.1				
Silver	0.274		"	0.299		91.6	63.5-123.7				
Sodium	6.64		"	1.61		412	30.1-139.1	High Bias			
Thallium	0.821		"	1.01		81.3	59.8-120.8				
Vanadium	1.79		"	1.94		92.4	73.2-117				
Zinc	3.98		"	4.31		92.3	74.9-121.1				

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 Limit	Flag
Batch BH20686 - EPA 7473 soil											
Blank (BH20686-BLK1)								Prepared & Analyzed: 08/11/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH20686-DUP1)	*Source sample: 22H0308-09 (Duplicate)							Prepared & Analyzed: 08/11/2022			
Mercury	ND	0.0300	mg/kg wet		ND					35	
Matrix Spike (BH20686-MS1)	*Source sample: 22H0308-09 (Matrix Spike)							Prepared & Analyzed: 08/11/2022			
Mercury	0.483		mg/kg	0.500	0.00620	95.4	75-125				
Reference (BH20686-SRM1)								Prepared & Analyzed: 08/11/2022			
Mercury	25.852		mg/kg	27.2		95.0	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20691 - EPA SW846-3060											
Blank (BH20691-BLK1)								Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH20691-DUP1)	*Source sample: 22H0308-09 (Duplicate)							Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet		ND					35	
Matrix Spike (BH20691-MS1)	*Source sample: 22H0308-09 (Matrix Spike)							Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	19.7	0.500	mg/kg wet	20.0	ND	98.4	75-125				
Reference (BH20691-SRM1)								Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	89.5		mg/L	131		68.3	33.8-169.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20728 - % Solids Prep											
Duplicate (BH20728-DUP1)	*Source sample: 22H0306-03 (SB017 (5-7))								Prepared & Analyzed: 08/11/2022		
% Solids	85.8	0.100	%		86.6				0.957	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22H0306-01	SB024 (13-15)	40mL Vial with Stir Bar-Cool 4° C
22H0306-02	SB024 (15-17)	40mL Vial with Stir Bar-Cool 4° C
22H0306-03	SB017 (5-7)	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
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-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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.

YORK Project No. 22/40506

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone: 631-589-6353	Phone:	Phone:
Contact: Jennifer Lewis	Contact:	Contact:
E-mail: Jennifer.l@pwgresser.com	E-mail:	E-mail:

YOUR Project Number: TOT2202/2101

YOUR Project Name: TOT 2202/2101

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Janelle Davis

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB024 (13'-15')	S	8/3/22 845	TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL Metals, Trivalent/Hexavalent Chromium	
SB024 (15'-17')	S	8/3/22 900		
SB017 (5'-7')	S	8/3/22 1305		

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	8/4/22 800	K Bellyork	8/4/22 1100	K Bellyork	8/4/22 1710
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					8/4/22 1710 / 3.1 Degrees C

Technical Report

prepared for:

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

Report Date: 08/16/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0308

Report Date: 08/16/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0308

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 August 04, 2022 and listed below. The project was identified as your project: **TOT2202/2101**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22H0308-01	SB024 (5'-7')	Soil	08/03/2022	08/04/2022
22H0308-02	SB012 (6'-8')	Soil	08/03/2022	08/04/2022
22H0308-03	SB012 (8'-10')	Soil	08/03/2022	08/04/2022
22H0308-04	SB013 (6'-8')	Soil	08/03/2022	08/04/2022
22H0308-05	SB023 (8'-10')	Soil	08/03/2022	08/04/2022
22H0308-06	SB022 (8'-10')	Soil	08/03/2022	08/04/2022
22H0308-07	SB021 (13'-15')	Soil	08/03/2022	08/04/2022
22H0308-08	SB019 (17'-19')	Soil	08/03/2022	08/04/2022
22H0308-09	SB020 (8'-10')	Soil	08/03/2022	08/04/2022
22H0308-10	SB018 (3'-5')	Soil	08/03/2022	08/04/2022
22H0308-11	SB018 (5'-7')	Soil	08/03/2022	08/04/2022
22H0308-12	DUP004	Soil	08/03/2022	08/04/2022
22H0308-13	SB017 (3'-5')	Soil	08/03/2022	08/04/2022
22H0308-14	SB014 (2'-4')	Soil	08/03/2022	08/04/2022
22H0308-15	SB014 (4'-6')	Soil	08/03/2022	08/04/2022
22H0308-16	SB016 (10'-12')	Soil	08/03/2022	08/04/2022
22H0308-17	SB015 (10'-12')	Soil	08/03/2022	08/04/2022
22H0308-18	EB001	Water	08/03/2022	08/04/2022

General Notes for York Project (SDG) No.: 22H0308

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:

Date: 08/16/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB024 (5'-7')

York Sample ID: 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								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	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7') **York Sample ID:** 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0043**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.014**	CCVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7')

York Sample ID: 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.018**		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.031**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.0056**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.029**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7') **York Sample ID:** 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:19	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*80.4 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7') **York Sample ID:** 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7')

York Sample ID: 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.324**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.142**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.263**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7')

York Sample ID: 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0476**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.109**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.594**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7')

York Sample ID: 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.467**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.126**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*50.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.1 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7') **York Sample ID:** 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:22	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.4 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB024 (5'-7') **York Sample ID:** 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	08/10/2022 08:11	08/11/2022 02:22	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**6040**	B	mg/kg dry	5.81	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.32**		mg/kg dry	1.74	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**158**		mg/kg dry	2.91	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.060**		mg/kg dry	0.058	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3590**		mg/kg dry	5.81	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.581	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.65**		mg/kg dry	0.465	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**10.7**		mg/kg dry	2.32	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12600**		mg/kg dry	29.1	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**48.5**		mg/kg dry	0.581	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2120**		mg/kg dry	5.81	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**188**		mg/kg dry	0.581	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB024 (5'-7') **York Sample ID:** 22H0308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**12.0**		mg/kg dry	1.16	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**945**	B	mg/kg dry	5.81	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.581	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**227**		mg/kg dry	58.1	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**16.6**		mg/kg dry	1.16	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**148**		mg/kg dry	2.91	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:40	AJL
							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	ND		mg/kg dry	0.0337	1	EPA 7473	08/11/2022 09:05	08/11/2022 12:42	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.562	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.4**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB024 (5'-7')** **York Sample ID:** **22H0308-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 8:30 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**89.0**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB012 (6'-8')** **York Sample ID:** **22H0308-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								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	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.099	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.0099	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	08/08/2022 06:33	08/08/2022 23:45	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.345	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.345	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0863	0.172	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0432	0.0863	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.345	2	EPA 8270D	08/09/2022 08:01	08/09/2022 18:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*25.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*34.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.6 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:40	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:04	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**5440**		mg/kg dry	5.46	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**2.86**		mg/kg dry	2.73	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.72**		mg/kg dry	1.64	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**20.6**		mg/kg dry	2.73	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**957**		mg/kg dry	5.46	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.6**		mg/kg dry	0.546	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.58**		mg/kg dry	0.437	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.2**		mg/kg dry	2.18	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**8650**		mg/kg dry	27.3	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.22**		mg/kg dry	0.546	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1540**		mg/kg dry	5.46	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**95.9**		mg/kg dry	0.546	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (6'-8') **York Sample ID:** 22H0308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**13.6**		mg/kg dry	1.09	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**619**	B	mg/kg dry	5.46	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.546	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	54.6	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.8**		mg/kg dry	1.09	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**38.9**		mg/kg dry	2.73	1	EPA 6010D	08/11/2022 12:06	08/15/2022 13:42	AJL
							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	ND		mg/kg dry	0.0316	1	EPA 7473	08/11/2022 09:05	08/11/2022 12:51	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.6**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB012 (6'-8')** **York Sample ID:** **22H0308-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:30 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**94.8**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB012 (8'-10')** **York Sample ID:** **22H0308-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								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	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10') **York Sample ID:** 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10')

York Sample ID: 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10') **York Sample ID:** 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:12	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10')

York Sample ID: 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10')

York Sample ID: 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10')

York Sample ID: 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10') **York Sample ID:** 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:25	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.6 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.7 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.3 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*34.4 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.0 %*		*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10') **York Sample ID:** 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	08/10/2022 08:11	08/11/2022 07:58	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10') **York Sample ID:** 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:18	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**6440**	B	mg/kg dry	5.72	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.09**		mg/kg dry	1.72	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**36.1**		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1000**		mg/kg dry	5.72	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.458	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**9.98**		mg/kg dry	2.29	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11300**		mg/kg dry	28.6	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**21.4**		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2110**		mg/kg dry	5.72	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**191**		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB012 (8'-10') **York Sample ID:** 22H0308-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**8.81**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1050**	B	mg/kg dry	5.72	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	57.2	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.2**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**27.3**		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:42	AJL
							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	ND		mg/kg dry	0.0321	1	EPA 7473	08/11/2022 09:05	08/11/2022 14:48	ZTS
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.534	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.2**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB012 (8'-10')** **York Sample ID:** **22H0308-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 9:45 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**93.6**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB013 (6'-8')** **York Sample ID:** **22H0308-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								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	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.024**		mg/kg dry	0.0047	0.0093	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	08/08/2022 06:33	08/09/2022 00:38	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	08/09/2022 08:01	08/09/2022 19:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*36.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.5 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8')

York Sample ID: 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:36	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.9 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:32	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**5870**	B	mg/kg dry	5.63	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.82**		mg/kg dry	1.69	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.2**		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**750**		mg/kg dry	5.63	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.81**		mg/kg dry	0.451	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**10.1**		mg/kg dry	2.25	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12100**		mg/kg dry	28.2	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**11.3**		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2030**		mg/kg dry	5.63	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**161**		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB013 (6'-8') **York Sample ID:** 22H0308-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**16.0**		mg/kg dry	1.13	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1010**	B	mg/kg dry	5.63	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	56.3	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.5**		mg/kg dry	1.13	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**48.2**		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 12:52	08/09/2022 15:45	AJL
							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	ND		mg/kg dry	0.0316	1	EPA 7473	08/11/2022 09:05	08/11/2022 14:56	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.526	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.2**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB013 (6'-8')** **York Sample ID:** **22H0308-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:15 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**95.1**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB023 (8'-10')** **York Sample ID:** **22H0308-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								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	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10') **York Sample ID:** 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0078**	J	mg/kg dry	0.0051	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10') **York Sample ID:** 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:04	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.383	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.383	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0955	0.191	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0479	0.0955	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.383	2	EPA 8270D	08/09/2022 08:01	08/09/2022 20:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*31.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*44.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.8 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0378	5	EPA 8081B	08/10/2022 08:11	08/11/2022 17:54	BJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*81.2 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10')

York Sample ID: 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:45	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*109 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**8510**		mg/kg dry	6.15	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.85	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**25.8**		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.369	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1050**		mg/kg dry	6.15	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.2**		mg/kg dry	0.615	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.39**		mg/kg dry	0.492	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**4.69**		mg/kg dry	2.46	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**8510**		mg/kg dry	30.8	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.94**		mg/kg dry	0.615	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2300**		mg/kg dry	6.15	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**175**		mg/kg dry	0.615	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB023 (8'-10') **York Sample ID:** 22H0308-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**13.4**		mg/kg dry	1.23	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**794**		mg/kg dry	6.15	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.615	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	61.5	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**11.3**		mg/kg dry	1.23	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**38.4**		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 13:02	08/09/2022 18:05	AJL
							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	ND		mg/kg dry	0.0351	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:04	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.58**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB023 (8'-10')** **York Sample ID:** **22H0308-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 10:45 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**85.6**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB022 (8'-10')** **York Sample ID:** **22H0308-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								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	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10') **York Sample ID:** 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.075	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10')

York Sample ID: 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0043**	J	mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10') **York Sample ID:** 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 01:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10')

York Sample ID: 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10')

York Sample ID: 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10')

York Sample ID: 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10') **York Sample ID:** 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.3 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.4 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*31.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.6 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*34.5 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.0 %*		*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10') **York Sample ID:** 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:12	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.3 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10')

York Sample ID: 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	08/10/2022 08:11	08/11/2022 05:59	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*116 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**7840**		mg/kg dry	5.70	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.85	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.14**		mg/kg dry	1.71	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**29.0**		mg/kg dry	2.85	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1180**		mg/kg dry	5.70	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.7**		mg/kg dry	0.570	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.17**		mg/kg dry	0.456	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.7**		mg/kg dry	2.28	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15900**		mg/kg dry	28.5	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**14.4**		mg/kg dry	0.570	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2600**		mg/kg dry	5.70	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**255**		mg/kg dry	0.570	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB022 (8'-10') **York Sample ID:** 22H0308-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**16.6**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**917**		mg/kg dry	5.70	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.570	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	57.0	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.0**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**36.7**		mg/kg dry	2.85	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:20	AJL
							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	ND		mg/kg dry	0.0336	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:13	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.2**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB022 (8'-10')** **York Sample ID:** **22H0308-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:00 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**89.2**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB021 (13'-15')** **York Sample ID:** **22H0308-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								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	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**36**		mg/kg dry	1.1	2.1	500	EPA 8260C	08/09/2022 06:09	08/09/2022 13:47	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**11**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15') **York Sample ID:** 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.2	8.5	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.42	0.85	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.42	0.85	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15') **York Sample ID:** 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**2.9**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**2.0**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**1.8**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.42	0.85	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**6.1**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**4.4**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**5.3**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**9.8**		mg/kg dry	0.42	0.85	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**3.8**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**4.9**		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	**tert-Butylbenzene**	**0.25**	J	mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15') **York Sample ID:** 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.21	0.42	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**15**		mg/kg dry	0.64	1.3	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:14	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*82.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15')

York Sample ID: 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	**2-Chloronaphthalene**	**0.479**		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**23.6**		mg/kg dry	0.554	1.11	25	EPA 8270D	08/09/2022 08:01	08/10/2022 16:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15')

York Sample ID: 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.827**		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.434**		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.381**		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15')

York Sample ID: 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0884**	J	mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0672**	J	mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1.77**		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**6.30**		mg/kg dry	0.222	0.442	10	EPA 8270D	08/09/2022 08:01	08/10/2022 13:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15') **York Sample ID:** 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**3.54**		mg/kg dry	0.222	0.442	10	EPA 8270D	08/09/2022 08:01	08/10/2022 13:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.213**		mg/kg dry	0.0443	0.0885	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	08/09/2022 08:01	08/09/2022 21:37	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*19.4 %*	S-04	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.7 %*	S-04	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*188 %*	S-04	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*27.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*31.4 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*25.4 %*		*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15') **York Sample ID:** 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:30	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.8 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15')

York Sample ID: 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:12	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**5780**		mg/kg dry	5.63	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.40**		mg/kg dry	1.69	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.7**		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**712**		mg/kg dry	5.63	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.52**		mg/kg dry	0.451	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**8.67**		mg/kg dry	2.25	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13700**		mg/kg dry	28.2	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**11.4**		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2130**		mg/kg dry	5.63	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**207**		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB021 (13'-15') **York Sample ID:** 22H0308-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**15.6**		mg/kg dry	1.13	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**874**		mg/kg dry	5.63	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**90.2**		mg/kg dry	56.3	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**15.7**		mg/kg dry	1.13	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**30.8**		mg/kg dry	2.82	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:22	AJL
							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	ND		mg/kg dry	0.0327	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:22	ZTS
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.2**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB021 (13'-15')** **York Sample ID:** **22H0308-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:10 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**91.8**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB019 (17'-19')** **York Sample ID:** **22H0308-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								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	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**5.0**		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**2.3**		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19') **York Sample ID:** 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	5.5	11	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.55	1.1	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.55	1.1	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.55	1.1	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**1.9**		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.33**	J	mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.55	1.1	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**1.3**		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.82**		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.28	0.55	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.83	1.7	100	EPA 8260C	08/09/2022 06:09	08/09/2022 14:42	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.1 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	**2-Chloronaphthalene**	**0.109**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**19.2**		mg/kg dry	0.546	1.09	25	EPA 8270D	08/09/2022 08:01	08/10/2022 17:12	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.10**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.324**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.270**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0872	0.174	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.139**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1.07**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**4.39**		mg/kg dry	0.219	0.436	10	EPA 8270D	08/09/2022 08:01	08/10/2022 13:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2.00**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.107**		mg/kg dry	0.0437	0.0872	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.7 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.9 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*31.9 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*23.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*29.0 %*		*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19') **York Sample ID:** 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0341	5	EPA 8081B	08/10/2022 08:11	08/11/2022 18:48	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.7 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19') **York Sample ID:** 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:26	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**5470**		mg/kg dry	5.28	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.64	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.82**		mg/kg dry	1.58	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.1**		mg/kg dry	2.64	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1100**		mg/kg dry	5.28	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.1**		mg/kg dry	0.528	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.58**		mg/kg dry	0.423	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.1**		mg/kg dry	2.11	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13400**		mg/kg dry	26.4	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**11.6**		mg/kg dry	0.528	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1940**		mg/kg dry	5.28	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**855**		mg/kg dry	0.528	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB019 (17'-19')

York Sample ID: 22H0308-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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
7440-02-0	**Nickel**	**15.2**		mg/kg dry	1.06	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**819**		mg/kg dry	5.28	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	52.8	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.64	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**13.6**		mg/kg dry	1.06	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**31.6**		mg/kg dry	2.64	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:25	AJL
							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	ND		mg/kg dry	0.0317	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:31	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.53**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

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

Sample Information

Client Sample ID: **SB019 (17'-19')** **York Sample ID:** **22H0308-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 11:40 am	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**94.7**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB020 (8'-10')** **York Sample ID:** **22H0308-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								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	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	08/08/2022 06:33	08/09/2022 02:48	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0975	0.195	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	08/09/2022 08:01	08/09/2022 22:42	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*40.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.4 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10') **York Sample ID:** 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.194	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:06	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB020 (8'-10')

York Sample ID: 22H0308-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:39	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**7290**		mg/kg dry	6.21	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.11	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.72**		mg/kg dry	1.86	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**26.4**		mg/kg dry	3.11	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.373	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**881**		mg/kg dry	6.21	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.5**		mg/kg dry	0.621	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.79**		mg/kg dry	0.497	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.2**		mg/kg dry	2.49	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15200**		mg/kg dry	31.1	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.1**		mg/kg dry	0.621	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2330**		mg/kg dry	6.21	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**244**		mg/kg dry	0.621	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB020 (8'-10')** **York Sample ID:** **22H0308-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**15.3**		mg/kg dry	1.24	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1020**		mg/kg dry	6.21	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.11	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.621	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	62.1	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.11	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.0**		mg/kg dry	1.24	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**31.0**		mg/kg dry	3.11	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:28	AJL
							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	ND		mg/kg dry	0.0354	1	EPA 7473	08/11/2022 09:05	08/11/2022 11:02	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.590	1	EPA 7196A	08/11/2022 09:39	08/11/2022 16:58	JAMT
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.73**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB020 (8'-10')** **York Sample ID:** **22H0308-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:10 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**84.7**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB018 (3'-5')** **York Sample ID:** **22H0308-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								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	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:15	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	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*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5')

York Sample ID: 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0661**	J	mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

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

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0568**	J	mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0539**	J	mg/kg dry	0.0450	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*35.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*33.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.8 %*	*24-116*

PEST, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:24	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.9 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 06:53	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**11400**		mg/kg dry	5.72	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.93**		mg/kg dry	1.72	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.7**		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.058**		mg/kg dry	0.057	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3400**		mg/kg dry	5.72	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.3**		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.98**		mg/kg dry	0.458	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**9.41**		mg/kg dry	2.29	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16900**		mg/kg dry	28.6	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**20.1**		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2510**		mg/kg dry	5.72	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**274**		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (3'-5') **York Sample ID:** 22H0308-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**16.9**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**964**		mg/kg dry	5.72	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**184**		mg/kg dry	57.2	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.5**		mg/kg dry	1.14	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**40.6**		mg/kg dry	2.86	1	EPA 6010D	08/05/2022 13:02	08/10/2022 12:49	AJL
							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	ND		mg/kg dry	0.0332	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:40	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.553	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.8**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB018 (3'-5')** **York Sample ID:** **22H0308-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:35 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**90.4**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB018 (5'-7')** **York Sample ID:** **22H0308-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								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	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7')

York Sample ID: 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7')

York Sample ID: 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0053**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7') **York Sample ID:** 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	08/08/2022 06:33	08/09/2022 03:41	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7')

York Sample ID: 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7')

York Sample ID: 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7')

York Sample ID: 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7') **York Sample ID:** 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

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

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	08/09/2022 08:01	08/09/2022 23:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.4 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.4 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*28.9 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*29.4 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.5 %*		*24-116*

PEST, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7') **York Sample ID:** 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	08/10/2022 08:11	08/11/2022 19:42	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.6 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB018 (5'-7')

York Sample ID: 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	08/10/2022 08:11	08/11/2022 07:06	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**6020**		mg/kg dry	5.91	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.54**		mg/kg dry	1.77	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**15.2**		mg/kg dry	2.95	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**507**		mg/kg dry	5.91	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**9.31**		mg/kg dry	0.591	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.28**		mg/kg dry	0.473	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**8.98**		mg/kg dry	2.36	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12600**		mg/kg dry	29.5	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**9.68**		mg/kg dry	0.591	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1830**		mg/kg dry	5.91	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**132**		mg/kg dry	0.591	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB018 (5'-7') **York Sample ID:** 22H0308-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**18.1**		mg/kg dry	1.18	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**772**		mg/kg dry	5.91	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	59.1	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**13.8**		mg/kg dry	1.18	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**24.5**		mg/kg dry	2.95	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:18	AJL
							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	ND		mg/kg dry	0.0331	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:49	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**8.44**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB018 (5'-7')** **York Sample ID:** **22H0308-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 12:40 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**90.7**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **DUP004** **York Sample ID:** **22H0308-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								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	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.084	0.17	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.016**	J	mg/kg dry	0.0084	0.017	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.025	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

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

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.6 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.4 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*34.9 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*32.3 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.0 %*		*24-116*

PEST, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:00	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP004 **York Sample ID:** 22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:20	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**6540**		mg/kg dry	5.85	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.03**		mg/kg dry	1.75	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.92	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**580**		mg/kg dry	5.85	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.0**		mg/kg dry	0.585	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.09**		mg/kg dry	0.468	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**8.39**		mg/kg dry	2.34	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13500**		mg/kg dry	29.2	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.1**		mg/kg dry	0.585	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2040**		mg/kg dry	5.85	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**213**		mg/kg dry	0.585	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **DUP004** **York Sample ID:** **22H0308-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**17.2**		mg/kg dry	1.17	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**748**		mg/kg dry	5.85	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.585	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	58.5	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**15.1**		mg/kg dry	1.17	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**27.4**		mg/kg dry	2.92	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:21	AJL
							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	ND		mg/kg dry	0.0327	1	EPA 7473	08/11/2022 09:05	08/11/2022 15:58	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.546	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.17**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID:	DUP004	York Sample ID:	22H0308-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 3:00 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**91.6**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB017 (3'-5')** **York Sample ID:** **22H0308-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								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	08/08/2022 06:33	08/09/2022 04:33	BMC
								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	08/08/2022 06:33	08/09/2022 04:33	BMC
								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	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0065**	J	mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:33	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.168**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0968**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.133**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.105**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.120**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5')

York Sample ID: 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.173**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.199**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.111**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5')

York Sample ID: 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0708**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.239**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/09/2022 08:01	08/10/2022 00:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.0 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.4 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*31.1 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*31.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.2 %*		*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	08/09/2022 12:40	08/11/2022 20:18	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.8 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5') **York Sample ID:** 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 07:33	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**11500**		mg/kg dry	5.66	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.70	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.7**		mg/kg dry	2.83	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2640**		mg/kg dry	5.66	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.2**		mg/kg dry	0.566	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.4**		mg/kg dry	0.453	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.9**		mg/kg dry	2.26	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19900**		mg/kg dry	28.3	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.8**		mg/kg dry	0.566	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6160**		mg/kg dry	5.66	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**280**		mg/kg dry	0.566	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB017 (3'-5')

York Sample ID: 22H0308-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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
7440-02-0	**Nickel**	**21.9**		mg/kg dry	1.13	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2550**		mg/kg dry	5.66	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**79.5**		mg/kg dry	56.6	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**38.9**		mg/kg dry	1.13	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**50.4**		mg/kg dry	2.83	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:23	AJL
							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	ND		mg/kg dry	0.0334	1	EPA 7473	08/11/2022 09:05	08/11/2022 16:06	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

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

Sample Information

Client Sample ID: **SB017 (3'-5')** **York Sample ID:** **22H0308-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:00 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**89.9**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB014 (2'-4')** **York Sample ID:** **22H0308-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								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	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.077	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:33	08/09/2022 04:59	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	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*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4')

York Sample ID: 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4')

York Sample ID: 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	08/11/2022 08:10	08/15/2022 15:39	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*43.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:12	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.4 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4')

York Sample ID: 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:27	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9570**		mg/kg dry	6.13	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.07	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.84	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**35.3**		mg/kg dry	3.07	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.368	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1360**		mg/kg dry	6.13	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.613	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.36**		mg/kg dry	0.491	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.0**		mg/kg dry	2.45	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12400**		mg/kg dry	30.7	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**81.6**		mg/kg dry	0.613	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2090**		mg/kg dry	6.13	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**210**		mg/kg dry	0.613	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (2'-4') **York Sample ID:** 22H0308-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**15.6**		mg/kg dry	1.23	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**781**		mg/kg dry	6.13	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.07	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**118**		mg/kg dry	61.3	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.07	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.0**		mg/kg dry	1.23	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**51.1**		mg/kg dry	3.07	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:25	AJL
							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**	**1.12**		mg/kg dry	0.0343	1	EPA 7473	08/11/2022 09:29	08/11/2022 12:28	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.572	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.4**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB014 (2'-4')** **York Sample ID:** **22H0308-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:25 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**87.4**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB014 (4'-6')** **York Sample ID:** **22H0308-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								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	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:25	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

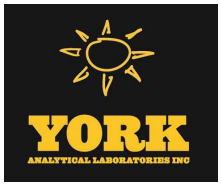
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: **SB014 (4'-6')** **York Sample ID:** **22H0308-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6')

York Sample ID: 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

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

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*28.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*33.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.7 %*	*24-116*

PEST, 8081 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:29	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.2 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:41	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**8870**		mg/kg dry	6.16	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.85	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**23.5**		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.369	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**802**		mg/kg dry	6.16	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.616	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**3.92**		mg/kg dry	0.493	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**9.23**		mg/kg dry	2.46	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**9780**		mg/kg dry	30.8	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**14.2**		mg/kg dry	0.616	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2110**		mg/kg dry	6.16	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**108**		mg/kg dry	0.616	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB014 (4'-6') **York Sample ID:** 22H0308-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**9.86**		mg/kg dry	1.23	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**558**		mg/kg dry	6.16	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.616	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	61.6	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.9**		mg/kg dry	1.23	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**29.4**		mg/kg dry	3.08	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:27	AJL
							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	ND		mg/kg dry	0.0345	1	EPA 7473	08/11/2022 09:29	08/11/2022 13:23	ZTS
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.575	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.2**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB014 (4'-6')** **York Sample ID:** **22H0308-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:30 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**87.0**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								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	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	**Methyl acetate**	**0.0023**	J	mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0052**	J	mg/kg dry	0.0045	0.0090	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	08/08/2022 06:33	08/09/2022 05:51	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12')

York Sample ID: 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12')

York Sample ID: 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	08/11/2022 08:10	08/15/2022 16:47	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*44.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.2 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B	08/09/2022 12:40	08/11/2022 21:47	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/09/2022 12:40	08/11/2022 08:54	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**14200**		mg/kg dry	5.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.80	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**77.1**		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.359	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1910**		mg/kg dry	5.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**43.5**		mg/kg dry	0.599	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**16.7**		mg/kg dry	0.479	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.0**		mg/kg dry	2.40	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**25000**		mg/kg dry	29.9	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**16.5**		mg/kg dry	0.599	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5590**		mg/kg dry	5.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**312**		mg/kg dry	0.599	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB016 (10'-12') **York Sample ID:** 22H0308-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Metals, Target Analyte

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

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
7440-02-0	**Nickel**	**75.2**		mg/kg dry	1.20	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3420**		mg/kg dry	5.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.599	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	59.9	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**39.8**		mg/kg dry	1.20	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**50.2**		mg/kg dry	2.99	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:29	AJL
							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	ND		mg/kg dry	0.0335	1	EPA 7473	08/11/2022 09:29	08/11/2022 13:30	ZTS
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**38.9**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

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

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

Sample Information

Client Sample ID: **SB016 (10'-12')** **York Sample ID:** **22H0308-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 2:05 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**89.5**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								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	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12') **York Sample ID:** 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12') **York Sample ID:** 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	08/08/2022 06:33	08/09/2022 06:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12') **York Sample ID:** 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

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
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0513	0.102	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.205	0.410	2	EPA 8270D	08/11/2022 08:10	08/15/2022 17:21	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*52.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.2 %*	*24-116*

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12') **York Sample ID:** 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.200	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0400	5	EPA 8081B	08/09/2022 12:40	08/11/2022 22:05	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.4 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A	08/09/2022 12:40	08/11/2022 09:08	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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**	**17100**		mg/kg dry	6.48	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.24	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.94	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**112**		mg/kg dry	3.24	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.389	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2600**		mg/kg dry	6.48	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**60.5**		mg/kg dry	0.648	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**17.5**		mg/kg dry	0.518	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**27.1**		mg/kg dry	2.59	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**28200**		mg/kg dry	32.4	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**17.2**		mg/kg dry	0.648	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6590**		mg/kg dry	6.48	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**370**		mg/kg dry	0.648	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB015 (10'-12')

York Sample ID: 22H0308-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

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
7440-02-0	**Nickel**	**87.6**		mg/kg dry	1.30	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3330**		mg/kg dry	6.48	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.24	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.648	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	64.8	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.24	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**42.5**		mg/kg dry	1.30	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**56.9**		mg/kg dry	3.24	1	EPA 6010D	08/05/2022 12:30	08/09/2022 16:31	AJL
							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	ND		mg/kg dry	0.0369	1	EPA 7473	08/11/2022 09:29	08/11/2022 13:39	ZTS
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.616	1	EPA 7196A	08/11/2022 17:06	08/11/2022 22:36	LFD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**49.2**		mg/kg	0.500	1	Calculation	08/11/2022 16:24	08/15/2022 16:58	AD
							Certifications:			

Total Solids

Log-in Notes:

Sample Notes:

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

Sample Information

Client Sample ID: **SB015 (10'-12')** **York Sample ID:** **22H0308-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Soil	August 3, 2022 1:45 pm	08/04/2022

Total Solids

Log-in Notes:

Sample Notes:

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**	**81.2**		%	0.100	1	SM 2540G	08/12/2022 11:20	08/12/2022 14:15	AJS
							Certifications: CTDOH			

Sample Information

Client Sample ID: **EB001** **York Sample ID:** **22H0308-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **EB001** **York Sample ID:** **22H0308-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**2.83**		ug/L	1.00	2.00	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**7.13**		ug/L	1.00	2.00	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**4.08**	CCVE, B	ug/L	2.00	2.00	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	08/10/2022 06:28	08/10/2022 16:50	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.88	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.88	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.18	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.88	11.8	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.94	5.88	1	EPA 8270D	08/10/2022 07:42	08/11/2022 10:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.2 %*			*19.7-63.1*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.6 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.4 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.6 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.9 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.2 %*			*30.7-106*						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.929**	B	ug/L	0.588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.188**		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: **EB001** **York Sample ID:** **22H0308-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Semi-Volatiles, 8270 (SIM)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.294	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.294	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0588**		ug/L	0.0588	1	EPA 8270D SIM	08/10/2022 07:42	08/11/2022 10:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Pesticides, 8081 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0105	1	EPA 8081B	08/08/2022 19:36	08/11/2022 22:23	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **EB001** **York Sample ID:** **22H0308-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	08/08/2022 19:36	08/10/2022 03:26	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.056	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.001**		mg/L	0.0006	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**0.961**	B	mg/L	0.056	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.056	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EB001 **York Sample ID:** 22H0308-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0308	TOT2202/2101	Water	August 3, 2022 3:00 pm	08/04/2022

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**0.027**		mg/L	0.011	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.056	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D	08/08/2022 13:13	08/08/2022 17:58	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

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/L	0.0002	1	EPA 7470	08/08/2022 17:44	08/08/2022 17:44	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	08/04/2022 21:55	08/04/2022 22:12	ZTS
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/12/2022 13:05	08/15/2022 17:39	AD
							Certifications:			

Analytical Batch Summary

Batch ID: BH20049 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/10/22
BH20049-BLK1	Blank	08/10/22
BH20049-BS1	LCS	08/10/22
BH20049-BSD1	LCS Dup	08/10/22

Batch ID: BH20262 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/08/22
22H0308-02	SB012 (6'-8')	08/08/22
22H0308-03	SB012 (8'-10')	08/08/22
22H0308-04	SB013 (6'-8')	08/08/22
22H0308-05	SB023 (8'-10')	08/08/22
22H0308-06	SB022 (8'-10')	08/08/22
22H0308-09	SB020 (8'-10')	08/08/22
22H0308-10	SB018 (3'-5')	08/08/22
22H0308-11	SB018 (5'-7')	08/08/22
22H0308-12	DUP004	08/08/22
22H0308-13	SB017 (3'-5')	08/08/22
22H0308-14	SB014 (2'-4')	08/08/22
22H0308-15	SB014 (4'-6')	08/08/22
22H0308-16	SB016 (10'-12')	08/08/22
22H0308-17	SB015 (10'-12')	08/08/22
BH20262-BLK1	Blank	08/08/22
BH20262-BS1	LCS	08/08/22
BH20262-BSD1	LCS Dup	08/08/22
BH20262-MS1	Matrix Spike	08/08/22
BH20262-MSD1	Matrix Spike Dup	08/08/22

Batch ID: BH20264 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-07	SB021 (13'-15')	08/09/22
22H0308-07RE1	SB021 (13'-15')	08/09/22
22H0308-08	SB019 (17'-19')	08/09/22
BH20264-BLK1	Blank	08/09/22
BH20264-BS1	LCS	08/09/22
BH20264-BSD1	LCS Dup	08/09/22

Batch ID: BH20346 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/04/22
BH20346-BLK1	Blank	08/04/22

BH20346-BS1	LCS	08/04/22
BH20346-DUP1	Duplicate	08/04/22
BH20346-MS1	Matrix Spike	08/04/22

Batch ID: BH20386 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-11	SB018 (5'-7')	08/05/22
22H0308-12	DUP004	08/05/22
22H0308-13	SB017 (3'-5')	08/05/22
22H0308-14	SB014 (2'-4')	08/05/22
22H0308-15	SB014 (4'-6')	08/05/22
22H0308-16	SB016 (10'-12')	08/05/22
22H0308-17	SB015 (10'-12')	08/05/22
BH20386-BLK1	Blank	08/05/22
BH20386-DUP1	Duplicate	08/05/22
BH20386-MS1	Matrix Spike	08/05/22
BH20386-PS1	Post Spike	08/05/22
BH20386-SRM1	Reference	08/05/22

Batch ID: BH20387 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/05/22
22H0308-03	SB012 (8'-10')	08/05/22
22H0308-04	SB013 (6'-8')	08/05/22
BH20387-BLK1	Blank	08/05/22
BH20387-DUP1	Duplicate	08/05/22
BH20387-MS1	Matrix Spike	08/05/22
BH20387-PS1	Post Spike	08/05/22
BH20387-SRM1	Reference	08/05/22

Batch ID: BH20390 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-05	SB023 (8'-10')	08/05/22
22H0308-06	SB022 (8'-10')	08/05/22
22H0308-07	SB021 (13'-15')	08/05/22
22H0308-08	SB019 (17'-19')	08/05/22
22H0308-09	SB020 (8'-10')	08/05/22
22H0308-10	SB018 (3'-5')	08/05/22
BH20390-BLK1	Blank	08/05/22
BH20390-DUP1	Duplicate	08/05/22
BH20390-MS1	Matrix Spike	08/05/22
BH20390-PS1	Post Spike	08/05/22
BH20390-SRM1	Reference	08/05/22

Batch ID: BH20467 **Preparation Method:** EPA 3015A **Prepared By:** MJN

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/08/22
BH20467-BLK1	Blank	08/08/22
BH20467-BS1	LCS	08/08/22
BH20467-DUP1	Duplicate	08/08/22
BH20467-MS1	Matrix Spike	08/08/22
BH20467-PS1	Post Spike	08/08/22

Batch ID: BH20493 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/08/22
BH20493-BLK1	Blank	08/08/22
BH20493-BS1	LCS	08/08/22
BH20493-BS2	LCS	08/08/22

Batch ID: BH20499 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNL

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/08/22
22H0308-18	EB001	08/08/22
BH20499-BLK1	Blank	08/08/22
BH20499-BLK2	Blank	08/08/22
BH20499-BS1	LCS	08/08/22
BH20499-BS2	LCS	08/08/22
BH20499-BSD1	LCS Dup	08/08/22
BH20499-BSD2	LCS Dup	08/08/22

Batch ID: BH20510 **Preparation Method:** EPA 3546 SVOA **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/09/22
22H0308-02	SB012 (6'-8')	08/09/22
22H0308-03	SB012 (8'-10')	08/09/22
22H0308-04	SB013 (6'-8')	08/09/22
22H0308-05	SB023 (8'-10')	08/09/22
22H0308-06	SB022 (8'-10')	08/09/22
22H0308-07	SB021 (13'-15')	08/09/22
22H0308-07RE1	SB021 (13'-15')	08/09/22
22H0308-07RE2	SB021 (13'-15')	08/09/22
22H0308-08	SB019 (17'-19')	08/09/22
22H0308-08RE1	SB019 (17'-19')	08/09/22
22H0308-08RE2	SB019 (17'-19')	08/09/22
22H0308-09	SB020 (8'-10')	08/09/22
22H0308-10	SB018 (3'-5')	08/09/22
22H0308-11	SB018 (5'-7')	08/09/22
22H0308-12	DUP004	08/09/22
22H0308-13	SB017 (3'-5')	08/09/22
BH20510-MS1	Matrix Spike	08/09/22

BH20510-MSD1	Matrix Spike Dup	08/09/22

Batch ID: BH20537 **Preparation Method:** EPA 3550C **Prepared By:** KAH

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-12	DUP004	08/09/22
22H0308-12	DUP004	08/09/22
22H0308-13	SB017 (3'-5')	08/09/22
22H0308-13	SB017 (3'-5')	08/09/22
22H0308-14	SB014 (2'-4')	08/09/22
22H0308-14	SB014 (2'-4')	08/09/22
22H0308-15	SB014 (4'-6')	08/09/22
22H0308-15	SB014 (4'-6')	08/09/22
22H0308-16	SB016 (10'-12')	08/09/22
22H0308-16	SB016 (10'-12')	08/09/22
22H0308-17	SB015 (10'-12')	08/09/22
22H0308-17	SB015 (10'-12')	08/09/22
BH20537-BLK1	Blank	08/09/22
BH20537-BLK2	Blank	08/09/22
BH20537-BS1	LCS	08/09/22
BH20537-BS2	LCS	08/09/22
BH20537-MS2	Matrix Spike	08/09/22
BH20537-MSD2	Matrix Spike Dup	08/09/22

Batch ID: BH20583 **Preparation Method:** EPA 3510C **Prepared By:** KNL

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/10/22
BH20583-BLK1	Blank	08/10/22
BH20583-BLK2	Blank	08/10/22
BH20583-BS1	LCS	08/10/22
BH20583-BS2	LCS	08/10/22
BH20583-BSD1	LCS Dup	08/10/22

Batch ID: BH20590 **Preparation Method:** EPA 3550C **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/10/22
22H0308-01	SB024 (5'-7')	08/10/22
22H0308-02	SB012 (6'-8')	08/10/22
22H0308-02	SB012 (6'-8')	08/10/22
22H0308-03	SB012 (8'-10')	08/10/22
22H0308-03	SB012 (8'-10')	08/10/22
22H0308-04	SB013 (6'-8')	08/10/22
22H0308-04	SB013 (6'-8')	08/10/22
22H0308-05	SB023 (8'-10')	08/10/22
22H0308-05	SB023 (8'-10')	08/10/22
22H0308-06	SB022 (8'-10')	08/10/22
22H0308-06	SB022 (8'-10')	08/10/22
22H0308-07	SB021 (13'-15')	08/10/22

22H0308-07	SB021 (13'-15')	08/10/22
22H0308-08	SB019 (17'-19')	08/10/22
22H0308-08	SB019 (17'-19')	08/10/22
22H0308-09	SB020 (8'-10')	08/10/22
22H0308-09	SB020 (8'-10')	08/10/22
22H0308-10	SB018 (3'-5')	08/10/22
22H0308-10	SB018 (3'-5')	08/10/22
22H0308-11	SB018 (5'-7')	08/10/22
22H0308-11	SB018 (5'-7')	08/10/22
BH20590-BLK1	Blank	08/10/22
BH20590-BLK2	Blank	08/10/22
BH20590-BS1	LCS	08/10/22
BH20590-BS2	LCS	08/10/22
BH20590-MS2	Matrix Spike	08/10/22
BH20590-MSD2	Matrix Spike Dup	08/10/22

Batch ID: BH20679 **Preparation Method:** EPA 3546 SVOA **Prepared By:** KMB

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-14	SB014 (2'-4')	08/11/22
22H0308-15	SB014 (4'-6')	08/11/22
22H0308-16	SB016 (10'-12')	08/11/22
22H0308-17	SB015 (10'-12')	08/11/22
BH20679-BLK1	Blank	08/11/22
BH20679-BS1	LCS	08/11/22
BH20679-MS1	Matrix Spike	08/11/22
BH20679-MSD1	Matrix Spike Dup	08/11/22

Batch ID: BH20686 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/11/22
22H0308-02	SB012 (6'-8')	08/11/22
22H0308-03	SB012 (8'-10')	08/11/22
22H0308-04	SB013 (6'-8')	08/11/22
22H0308-05	SB023 (8'-10')	08/11/22
22H0308-06	SB022 (8'-10')	08/11/22
22H0308-07	SB021 (13'-15')	08/11/22
22H0308-08	SB019 (17'-19')	08/11/22
22H0308-09	SB020 (8'-10')	08/11/22
22H0308-10	SB018 (3'-5')	08/11/22
22H0308-11	SB018 (5'-7')	08/11/22
22H0308-12	DUP004	08/11/22
22H0308-13	SB017 (3'-5')	08/11/22
BH20686-BLK1	Blank	08/11/22
BH20686-DUP1	Duplicate	08/11/22
BH20686-MS1	Matrix Spike	08/11/22
BH20686-SRM1	Reference	08/11/22

Batch ID: BH20689 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-14	SB014 (2'-4')	08/11/22
22H0308-15	SB014 (4'-6')	08/11/22
22H0308-16	SB016 (10'-12')	08/11/22
22H0308-17	SB015 (10'-12')	08/11/22
BH20689-BLK1	Blank	08/11/22
BH20689-DUP1	Duplicate	08/11/22
BH20689-MS1	Matrix Spike	08/11/22
BH20689-SRM1	Reference	08/11/22

Batch ID: BH20691 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/11/22
22H0308-02	SB012 (6'-8')	08/11/22
22H0308-03	SB012 (8'-10')	08/11/22
22H0308-04	SB013 (6'-8')	08/11/22
22H0308-05	SB023 (8'-10')	08/11/22
22H0308-06	SB022 (8'-10')	08/11/22
22H0308-07	SB021 (13'-15')	08/11/22
22H0308-08	SB019 (17'-19')	08/11/22
22H0308-09	SB020 (8'-10')	08/11/22
BH20691-BLK1	Blank	08/11/22
BH20691-DUP1	Duplicate	08/11/22
BH20691-MS1	Matrix Spike	08/11/22
BH20691-SRM1	Reference	08/11/22

Batch ID: BH20709 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-02	SB012 (6'-8')	08/11/22
BH20709-BLK1	Blank	08/11/22
BH20709-DUP1	Duplicate	08/11/22
BH20709-MS1	Matrix Spike	08/11/22
BH20709-PS1	Post Spike	08/11/22
BH20709-SRM1	Reference	08/11/22

Batch ID: BH20742 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/11/22
22H0308-02	SB012 (6'-8')	08/11/22
22H0308-03	SB012 (8'-10')	08/11/22
22H0308-04	SB013 (6'-8')	08/11/22
22H0308-05	SB023 (8'-10')	08/11/22
22H0308-06	SB022 (8'-10')	08/11/22
22H0308-07	SB021 (13'-15')	08/11/22
22H0308-08	SB019 (17'-19')	08/11/22

22H0308-09	SB020 (8'-10')	08/11/22
22H0308-10	SB018 (3'-5')	08/11/22
22H0308-11	SB018 (5'-7')	08/11/22
22H0308-12	DUP004	08/11/22
22H0308-13	SB017 (3'-5')	08/11/22
22H0308-14	SB014 (2'-4')	08/11/22
22H0308-15	SB014 (4'-6')	08/11/22
22H0308-16	SB016 (10'-12')	08/11/22
22H0308-17	SB015 (10'-12')	08/11/22

Batch ID: BH20746 **Preparation Method:** EPA SW846-3060 **Prepared By:** LFD

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-10	SB018 (3'-5')	08/11/22
22H0308-11	SB018 (5'-7')	08/11/22
22H0308-12	DUP004	08/11/22
22H0308-13	SB017 (3'-5')	08/11/22
22H0308-14	SB014 (2'-4')	08/11/22
22H0308-15	SB014 (4'-6')	08/11/22
22H0308-16	SB016 (10'-12')	08/11/22
22H0308-17	SB015 (10'-12')	08/11/22
BH20746-BLK1	Blank	08/11/22
BH20746-DUP1	Duplicate	08/11/22
BH20746-MS1	Matrix Spike	08/11/22
BH20746-SRM1	Reference	08/11/22

Batch ID: BH20787 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-01	SB024 (5'-7')	08/12/22
22H0308-02	SB012 (6'-8')	08/12/22
22H0308-03	SB012 (8'-10')	08/12/22
22H0308-04	SB013 (6'-8')	08/12/22
22H0308-05	SB023 (8'-10')	08/12/22
22H0308-06	SB022 (8'-10')	08/12/22
22H0308-07	SB021 (13'-15')	08/12/22
22H0308-08	SB019 (17'-19')	08/12/22
22H0308-09	SB020 (8'-10')	08/12/22
22H0308-10	SB018 (3'-5')	08/12/22
22H0308-11	SB018 (5'-7')	08/12/22
22H0308-12	DUP004	08/12/22
22H0308-13	SB017 (3'-5')	08/12/22
22H0308-14	SB014 (2'-4')	08/12/22
22H0308-15	SB014 (4'-6')	08/12/22
22H0308-16	SB016 (10'-12')	08/12/22
22H0308-17	SB015 (10'-12')	08/12/22
BH20787-DUP1	Duplicate	08/12/22

Batch ID: BH20806 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22H0308-18	EB001	08/12/22

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 BH20049 - EPA 5030B											
Blank (BH20049-BLK1)											Prepared & Analyzed: 08/10/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20049 - EPA 5030B											
Blank (BH20049-BLK1)									Prepared & Analyzed: 08/10/2022		
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	1.88	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
LCS (BH20049-BS1)									Prepared & Analyzed: 08/10/2022		
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165				
1,1,2-Trichloroethane	9.54		"	10.0		95.4	82-123				
1,1-Dichloroethane	10.0		"	10.0		100	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,2,3-Trichlorobenzene	9.67		"	10.0		96.7	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	9.98		"	10.0		99.8	76-137				
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132				
1,2-Dibromo-3-chloropropane	8.70		"	10.0		87.0	45-147				
1,2-Dibromoethane	9.58		"	10.0		95.8	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-132				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	9.92		"	10.0		99.2	86-122				
1,3-Dichloropropane	9.65		"	10.0		96.5	81-125				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	85-124				
1,4-Dioxane	353		"	210		168	10-349				
2-Butanone	11.2		"	10.0		112	49-152				
2-Hexanone	9.66		"	10.0		96.6	51-146				
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145				
Acetone	12.6		"	10.0		126	14-150				

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 BH20049 - EPA 5030B											
LCS (BH20049-BS1)								Prepared & Analyzed: 08/10/2022			
Acrolein	5.55		ug/L	10.0		55.5	10-153				
Acrylonitrile	10.0		"	10.0		100	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.91		"	10.0		99.1	79-128				
Bromoform	8.87		"	10.0		88.7	78-133				
Bromomethane	8.17		"	10.0		81.7	43-168				
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	17.1		"	10.0		171	43-155	High Bias			
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.84		"	10.0		98.4	80-131				
Cyclohexane	4.34		"	10.0		43.4	63-149	Low Bias			
Dibromochloromethane	9.32		"	10.0		93.2	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	4.98		"	10.0		49.8	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	9.61		"	10.0		96.1	51-139				
Methyl tert-butyl ether (MTBE)	9.45		"	10.0		94.5	76-135				
Methylcyclohexane	9.54		"	10.0		95.4	72-143				
Methylene chloride	10.9		"	10.0		109	55-137				
Naphthalene	9.11		"	10.0		91.1	70-147				
n-Butylbenzene	11.1		"	10.0		111	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	7.28		"	10.0		72.8	88-129	Low Bias			
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	65.6		"	50.0		131	25-162				
tert-Butylbenzene	8.83		"	10.0		88.3	77-138				
Tetrachloroethylene	9.31		"	10.0		93.1	82-131				
Toluene	9.89		"	10.0		98.9	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-131				
Trichloroethylene	9.86		"	10.0		98.6	82-128				
Trichlorofluoromethane	11.2		"	10.0		112	67-139				
Vinyl Chloride	8.41		"	10.0		84.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

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 BH20049 - EPA 5030B											
LCS Dup (BH20049-BSD1)								Prepared & Analyzed: 08/10/2022			
1,1,1,2-Tetrachloroethane	9.36		ug/L	10.0		93.6	82-126		3.67	30	
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136		3.37	30	
1,1,2,2-Tetrachloroethane	9.79		"	10.0		97.9	76-129		3.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	54-165		2.30	30	
1,1,2-Trichloroethane	9.35		"	10.0		93.5	82-123		2.01	30	
1,1-Dichloroethane	9.79		"	10.0		97.9	82-129		2.62	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		1.68	30	
1,2,3-Trichlorobenzene	8.85		"	10.0		88.5	76-136		8.86	30	
1,2,3-Trichloropropane	9.57		"	10.0		95.7	77-128		4.59	30	
1,2,4-Trichlorobenzene	9.10		"	10.0		91.0	76-137		9.22	30	
1,2,4-Trimethylbenzene	9.85		"	10.0		98.5	82-132		6.20	30	
1,2-Dibromo-3-chloropropane	8.00		"	10.0		80.0	45-147		8.38	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		2.43	30	
1,2-Dichlorobenzene	9.62		"	10.0		96.2	79-123		5.36	30	
1,2-Dichloroethane	9.95		"	10.0		99.5	73-132		1.10	30	
1,2-Dichloropropane	9.77		"	10.0		97.7	78-126		3.02	30	
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131		6.27	30	
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122		6.99	30	
1,3-Dichloropropane	9.37		"	10.0		93.7	81-125		2.94	30	
1,4-Dichlorobenzene	9.23		"	10.0		92.3	85-124		7.21	30	
1,4-Dioxane	285		"	210		136	10-349		21.3	30	
2-Butanone	9.64		"	10.0		96.4	49-152		14.8	30	
2-Hexanone	9.52		"	10.0		95.2	51-146		1.46	30	
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145		1.87	30	
Acetone	12.9		"	10.0		129	14-150		2.35	30	
Acrolein	5.39		"	10.0		53.9	10-153		2.93	30	
Acrylonitrile	9.38		"	10.0		93.8	51-150		6.40	30	
Benzene	9.81		"	10.0		98.1	85-126		2.81	30	
Bromochloromethane	10.1		"	10.0		101	77-128		0.885	30	
Bromodichloromethane	9.58		"	10.0		95.8	79-128		3.39	30	
Bromoform	8.52		"	10.0		85.2	78-133		4.03	30	
Bromomethane	8.13		"	10.0		81.3	43-168		0.491	30	
Carbon disulfide	9.47		"	10.0		94.7	68-146		5.44	30	
Carbon tetrachloride	10.1		"	10.0		101	77-141		3.03	30	
Chlorobenzene	9.96		"	10.0		99.6	88-120		3.74	30	
Chloroethane	11.1		"	10.0		111	65-136		2.31	30	
Chloroform	9.97		"	10.0		99.7	82-128		2.87	30	
Chloromethane	16.1		"	10.0		161	43-155	High Bias	5.84	30	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129		5.25	30	
cis-1,3-Dichloropropylene	9.25		"	10.0		92.5	80-131		6.18	30	
Cyclohexane	4.31		"	10.0		43.1	63-149	Low Bias	0.694	30	
Dibromochloromethane	8.99		"	10.0		89.9	80-130		3.60	30	
Dibromomethane	9.51		"	10.0		95.1	72-134		1.67	30	
Dichlorodifluoromethane	11.3		"	10.0		113	44-144		77.4	30	Non-dir.
Ethyl Benzene	10.3		"	10.0		103	80-131		3.52	30	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		7.24	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		5.12	30	
Methyl acetate	8.84		"	10.0		88.4	51-139		8.35	30	
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	76-135		1.39	30	
Methylcyclohexane	9.33		"	10.0		93.3	72-143		2.23	30	
Methylene chloride	11.0		"	10.0		110	55-137		1.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20049 - EPA 5030B											
LCS Dup (BH20049-BSD1)								Prepared & Analyzed: 08/10/2022			
Naphthalene	8.24		ug/L	10.0		82.4	70-147		10.0	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		7.89	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		6.01	30	
o-Xylene	10.4		"	10.0		104	78-130		4.52	30	
p- & m- Xylenes	20.9		"	20.0		104	77-133		4.35	30	
p-Diethylbenzene	9.96		"	10.0		99.6	84-134		7.91	30	
p-Ethyltoluene	10.9		"	10.0		109	88-129		40.2	30	Non-dir.
p-Isopropyltoluene	9.86		"	10.0		98.6	81-136		8.45	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		6.37	30	
Styrene	9.58		"	10.0		95.8	67-132		4.29	30	
tert-Butyl alcohol (TBA)	69.1		"	50.0		138	25-162		5.09	30	
tert-Butylbenzene	8.35		"	10.0		83.5	77-138		5.59	30	
Tetrachloroethylene	8.80		"	10.0		88.0	82-131		5.63	30	
Toluene	9.50		"	10.0		95.0	80-127		4.02	30	
trans-1,2-Dichloroethylene	9.73		"	10.0		97.3	80-132		2.74	30	
trans-1,3-Dichloropropylene	9.19		"	10.0		91.9	78-131		6.93	30	
Trichloroethylene	9.34		"	10.0		93.4	82-128		5.42	30	
Trichlorofluoromethane	11.1		"	10.0		111	67-139		1.35	30	
Vinyl Chloride	12.6		"	10.0		126	58-145		40.2	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BH20262 - EPA 5035A											
Blank (BH20262-BLK1)								Prepared & Analyzed: 08/08/2022			
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	"								

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 BH20262 - EPA 5035A											
Blank (BH20262-BLK1)											Prepared & Analyzed: 08/08/2022
2-Hexanone	ND	0.0050	mg/kg wet								
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	"								
Ethyl Benzene	ND	0.0050	"								
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	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20262 - EPA 5035A											
Blank (BH20262-BLK1)								Prepared & Analyzed: 08/08/2022			
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*ug/L*	*50.0*		*102*	*76-130*				
LCS (BH20262-BS1)								Prepared & Analyzed: 08/08/2022			
1,1,1,2-Tetrachloroethane	53.9		ug/L	50.0		108	75-129				
1,1,1-Trichloroethane	50.5		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	53.6		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	38.1		"	50.0		76.2	58-146				
1,1,2-Trichloroethane	50.4		"	50.0		101	83-123				
1,1-Dichloroethane	46.1		"	50.0		92.3	75-130				
1,1-Dichloroethylene	37.6		"	50.0		75.2	64-137				
1,1-Dichloropropylene	44.6		"	50.0		89.3	77-127				
1,2,3-Trichlorobenzene	55.9		"	50.0		112	81-140				
1,2,3-Trichloropropane	57.2		"	50.0		114	81-126				
1,2,4-Trichlorobenzene	55.3		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	54.9		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	58.0		"	50.0		116	74-142				
1,2-Dibromoethane	52.8		"	50.0		106	86-123				
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122				
1,2-Dichloroethane	46.8		"	50.0		93.5	71-133				
1,2-Dichloropropane	49.4		"	50.0		98.7	81-122				
1,3,5-Trimethylbenzene	53.9		"	50.0		108	82-126				
1,3-Dichlorobenzene	54.2		"	50.0		108	84-124				
1,3-Dichloropropane	49.0		"	50.0		98.1	83-123				
1,4-Dichlorobenzene	53.9		"	50.0		108	84-124				
1,4-Dioxane	1170		"	1050		112	10-228				
2,2-Dichloropropane	48.0		"	50.0		96.1	67-136				
2-Butanone	40.9		"	50.0		81.8	58-147				
2-Chlorotoluene	54.2		"	50.0		108	78-127				
2-Hexanone	48.5		"	50.0		97.1	70-139				
4-Chlorotoluene	54.1		"	50.0		108	79-125				
4-Methyl-2-pentanone	36.8		"	50.0		73.6	72-132				
Acetone	29.0		"	50.0		58.1	36-155				
Acrolein	26.4		"	50.0		52.8	10-238				
Acrylonitrile	43.1		"	50.0		86.2	66-141				
Benzene	46.1		"	50.0		92.2	77-127				
Bromobenzene	52.2		"	50.0		104	77-129				
Bromochloromethane	44.5		"	50.0		88.9	74-129				
Bromodichloromethane	53.9		"	50.0		108	81-124				
Bromoform	52.7		"	50.0		105	80-136				
Bromomethane	40.6		"	50.0		81.3	32-177				
Carbon disulfide	51.0		"	50.0		102	10-136				
Carbon tetrachloride	50.9		"	50.0		102	66-143				
Chlorobenzene	53.3		"	50.0		107	86-120				
Chloroethane	41.3		"	50.0		82.6	51-142				
Chloroform	48.3		"	50.0		96.7	76-131				
Chloromethane	49.2		"	50.0		98.5	49-132				
cis-1,2-Dichloroethylene	45.8		"	50.0		91.6	74-132				
cis-1,3-Dichloropropylene	51.2		"	50.0		102	81-129				
Cyclohexane	41.0		"	50.0		82.0	70-130				
Dibromochloromethane	55.3		"	50.0		111	10-200				
Dibromomethane	48.7		"	50.0		97.5	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20262 - EPA 5035A											
LCS (BH20262-BS1)							Prepared & Analyzed: 08/08/2022				
Dichlorodifluoromethane	55.5		ug/L	50.0		111	28-158				
Ethyl Benzene	51.7		"	50.0		103	84-125				
Hexachlorobutadiene	55.2		"	50.0		110	83-133				
Isopropylbenzene	57.9		"	50.0		116	81-127				
Methyl acetate	39.9		"	50.0		79.7	41-143				
Methyl tert-butyl ether (MTBE)	49.1		"	50.0		98.2	74-131				
Methylcyclohexane	46.1		"	50.0		92.2	70-130				
Methylene chloride	43.2		"	50.0		86.4	57-141				
n-Butylbenzene	50.9		"	50.0		102	80-130				
n-Propylbenzene	54.3		"	50.0		109	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	55.7		"	50.0		111	85-125				
sec-Butylbenzene	54.5		"	50.0		109	83-125				
Styrene	50.0		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	269		"	250		107	70-130				
tert-Butylbenzene	50.0		"	50.0		99.9	80-127				
Tetrachloroethylene	46.4		"	50.0		92.8	80-129				
Toluene	49.5		"	50.0		99.0	85-121				
trans-1,2-Dichloroethylene	46.5		"	50.0		93.1	72-132				
trans-1,3-Dichloropropylene	52.4		"	50.0		105	78-132				
Trichloroethylene	52.0		"	50.0		104	84-123				
Trichlorofluoromethane	39.9		"	50.0		79.8	62-140				
Vinyl acetate	41.0		"	50.0		82.0	67-136				
Vinyl Chloride	45.0		"	50.0		89.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20262 - EPA 5035A											
LCS Dup (BH20262-BSD1)								Prepared & Analyzed: 08/08/2022			
1,1,1,2-Tetrachloroethane	52.2		ug/L	50.0		104	75-129		3.18	30	
1,1,1-Trichloroethane	48.3		"	50.0		96.6	71-137		4.55	30	
1,1,2,2-Tetrachloroethane	51.6		"	50.0		103	79-129		3.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.9		"	50.0		71.8	58-146		5.95	30	
1,1,2-Trichloroethane	48.6		"	50.0		97.2	83-123		3.68	30	
1,1-Dichloroethane	43.5		"	50.0		86.9	75-130		5.96	30	
1,1-Dichloroethylene	35.9		"	50.0		71.9	64-137		4.54	30	
1,1-Dichloropropylene	42.4		"	50.0		84.9	77-127		5.05	30	
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140		8.36	30	
1,2,3-Trichloropropane	54.0		"	50.0		108	81-126		5.84	30	
1,2,4-Trichlorobenzene	49.1		"	50.0		98.2	80-141		11.9	30	
1,2,4-Trimethylbenzene	51.7		"	50.0		103	84-125		6.04	30	
1,2-Dibromo-3-chloropropane	53.8		"	50.0		108	74-142		7.50	30	
1,2-Dibromoethane	51.1		"	50.0		102	86-123		3.27	30	
1,2-Dichlorobenzene	51.1		"	50.0		102	85-122		5.54	30	
1,2-Dichloroethane	45.4		"	50.0		90.7	71-133		3.04	30	
1,2-Dichloropropane	48.0		"	50.0		95.9	81-122		2.84	30	
1,3,5-Trimethylbenzene	50.9		"	50.0		102	82-126		5.80	30	
1,3-Dichlorobenzene	49.8		"	50.0		99.7	84-124		8.31	30	
1,3-Dichloropropane	48.9		"	50.0		97.7	83-123		0.347	30	
1,4-Dichlorobenzene	49.7		"	50.0		99.3	84-124		8.17	30	
1,4-Dioxane	1110		"	1050		105	10-228		5.69	30	
2,2-Dichloropropane	46.2		"	50.0		92.5	67-136		3.82	30	
2-Butanone	40.1		"	50.0		80.1	58-147		2.03	30	
2-Chlorotoluene	51.2		"	50.0		102	78-127		5.62	30	
2-Hexanone	46.7		"	50.0		93.5	70-139		3.80	30	
4-Chlorotoluene	50.9		"	50.0		102	79-125		6.10	30	
4-Methyl-2-pentanone	35.3		"	50.0		70.6	72-132	Low Bias	4.22	30	
Acetone	28.2		"	50.0		56.4	36-155		2.97	30	
Acrolein	21.1		"	50.0		42.3	10-238		22.2	30	
Acrylonitrile	42.5		"	50.0		85.0	66-141		1.40	30	
Benzene	44.5		"	50.0		89.0	77-127		3.44	30	
Bromobenzene	50.5		"	50.0		101	77-129		3.29	30	
Bromochloromethane	42.5		"	50.0		84.9	74-129		4.62	30	
Bromodichloromethane	51.0		"	50.0		102	81-124		5.47	30	
Bromoform	50.6		"	50.0		101	80-136		4.10	30	
Bromomethane	41.3		"	50.0		82.5	32-177		1.49	30	
Carbon disulfide	48.6		"	50.0		97.2	10-136		4.76	30	
Carbon tetrachloride	49.2		"	50.0		98.3	66-143		3.42	30	
Chlorobenzene	50.9		"	50.0		102	86-120		4.68	30	
Chloroethane	38.3		"	50.0		76.6	51-142		7.49	30	
Chloroform	47.0		"	50.0		94.0	76-131		2.75	30	
Chloromethane	47.2		"	50.0		94.5	49-132		4.15	30	
cis-1,2-Dichloroethylene	44.0		"	50.0		87.9	74-132		4.14	30	
cis-1,3-Dichloropropylene	49.0		"	50.0		97.9	81-129		4.39	30	
Cyclohexane	39.9		"	50.0		79.9	70-130		2.62	30	
Dibromochloromethane	54.2		"	50.0		108	10-200		1.95	30	
Dibromomethane	47.2		"	50.0		94.3	83-124		3.32	30	
Dichlorodifluoromethane	52.4		"	50.0		105	28-158		5.71	30	
Ethyl Benzene	49.8		"	50.0		99.6	84-125		3.84	30	
Hexachlorobutadiene	52.4		"	50.0		105	83-133		5.26	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20262 - EPA 5035A											
LCS Dup (BH20262-BSD1)								Prepared & Analyzed: 08/08/2022			
Isopropylbenzene	55.1		ug/L	50.0		110	81-127		4.96	30	
Methyl acetate	38.2		"	50.0		76.3	41-143		4.38	30	
Methyl tert-butyl ether (MTBE)	47.4		"	50.0		94.9	74-131		3.46	30	
Methylcyclohexane	44.8		"	50.0		89.5	70-130		2.88	30	
Methylene chloride	41.8		"	50.0		83.5	57-141		3.41	30	
n-Butylbenzene	47.2		"	50.0		94.5	80-130		7.50	30	
n-Propylbenzene	51.2		"	50.0		102	74-136		5.93	30	
o-Xylene	51.2		"	50.0		102	83-123		3.57	30	
p- & m- Xylenes	99.5		"	100		99.5	82-128		4.64	30	
p-Isopropyltoluene	52.2		"	50.0		104	85-125		6.56	30	
sec-Butylbenzene	52.0		"	50.0		104	83-125		4.71	30	
Styrene	48.0		"	50.0		96.0	86-126		4.18	30	
tert-Butyl alcohol (TBA)	261		"	250		104	70-130		2.93	30	
tert-Butylbenzene	48.3		"	50.0		96.6	80-127		3.38	30	
Tetrachloroethylene	44.8		"	50.0		89.6	80-129		3.60	30	
Toluene	47.5		"	50.0		95.1	85-121		4.08	30	
trans-1,2-Dichloroethylene	44.4		"	50.0		88.8	72-132		4.73	30	
trans-1,3-Dichloropropylene	50.6		"	50.0		101	78-132		3.36	30	
Trichloroethylene	50.3		"	50.0		101	84-123		3.40	30	
Trichlorofluoromethane	38.4		"	50.0		76.8	62-140		3.78	30	
Vinyl acetate	39.6		"	50.0		79.2	67-136		3.37	30	
Vinyl Chloride	43.2		"	50.0		86.5	52-130		3.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BH20262-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))*							Prepared: 08/08/2022 Analyzed: 08/09/2022			
1,1,1,2-Tetrachloroethane	38.0		ug/L	50.0	0.00	76.0	15-161				
1,1,1-Trichloroethane	35.0		"	50.0	0.00	69.9	42-145				
1,1,2,2-Tetrachloroethane	41.0		"	50.0	0.00	82.0	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	31.4		"	50.0	0.00	62.9	11-160				
1,1,2-Trichloroethane	38.5		"	50.0	0.00	77.1	44-145				
1,1-Dichloroethane	33.4		"	50.0	0.00	66.8	46-142				
1,1-Dichloroethylene	31.4		"	50.0	0.00	62.8	30-153				
1,1-Dichloropropylene	32.4		"	50.0	0.00	64.9	40-133				
1,2,3-Trichlorobenzene	34.4		"	50.0	0.00	68.7	10-157				
1,2,3-Trichloropropane	43.7		"	50.0	0.00	87.4	38-155				
1,2,4-Trichlorobenzene	32.1		"	50.0	0.00	64.2	10-151				
1,2,4-Trimethylbenzene	37.5		"	50.0	0.00	75.1	10-170				
1,2-Dibromo-3-chloropropane	38.7		"	50.0	0.00	77.5	36-138				
1,2-Dibromoethane	39.8		"	50.0	0.00	79.5	40-142				
1,2-Dichlorobenzene	36.9		"	50.0	0.00	73.8	10-147				
1,2-Dichloroethane	34.1		"	50.0	0.00	68.2	48-133				
1,2-Dichloropropane	36.9		"	50.0	0.00	73.9	47-141				
1,3,5-Trimethylbenzene	37.3		"	50.0	0.00	74.5	10-150				
1,3-Dichlorobenzene	35.8		"	50.0	0.00	71.7	10-144				
1,3-Dichloropropane	37.3		"	50.0	0.00	74.6	43-142				
1,4-Dichlorobenzene	35.6		"	50.0	0.00	71.3	10-160				
1,4-Dioxane	947		"	1050	0.00	90.2	10-191				
2,2-Dichloropropane	26.9		"	50.0	0.00	53.8	38-130				
2-Butanone	32.5		"	50.0	0.00	65.1	10-189				

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 BH20262 - EPA 5035A											
Matrix Spike (BH20262-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))							Prepared: 08/08/2022 Analyzed: 08/09/2022			
2-Chlorotoluene	37.4		ug/L	50.0	0.00	74.8	14-144				
2-Hexanone	36.1		"	50.0	0.00	72.1	10-181				
4-Chlorotoluene	36.0		"	50.0	0.00	72.1	15-138				
4-Methyl-2-pentanone	28.6		"	50.0	0.00	57.3	10-166				
Acetone	26.8		"	50.0	0.00	53.7	10-196				
Acrolein	4.72		"	50.0	0.00	9.44	10-192	Low Bias			
Acrylonitrile	35.2		"	50.0	0.00	70.5	13-161				
Benzene	35.1		"	50.0	0.00	70.2	43-139				
Bromobenzene	36.6		"	50.0	0.00	73.2	23-142				
Bromochloromethane	33.9		"	50.0	0.00	67.8	38-145				
Bromodichloromethane	36.7		"	50.0	0.00	73.4	38-147				
Bromoform	36.8		"	50.0	0.00	73.5	29-156				
Bromomethane	27.4		"	50.0	0.00	54.9	10-166				
Carbon disulfide	27.9		"	50.0	0.00	55.7	10-131				
Carbon tetrachloride	33.9		"	50.0	0.00	67.8	35-145				
Chlorobenzene	38.0		"	50.0	0.00	76.0	21-154				
Chloroethane	28.3		"	50.0	0.00	56.6	15-160				
Chloroform	34.8		"	50.0	0.00	69.6	47-142				
Chloromethane	33.5		"	50.0	0.00	67.0	10-159				
cis-1,2-Dichloroethylene	32.1		"	50.0	0.00	64.2	42-144				
cis-1,3-Dichloropropylene	32.3		"	50.0	0.00	64.7	18-159				
Cyclohexane	30.4		"	50.0	0.00	60.8	70-130	Low Bias			
Dibromochloromethane	38.6		"	50.0	0.00	77.2	10-179				
Dibromomethane	37.1		"	50.0	0.00	74.2	47-143				
Dichlorodifluoromethane	36.9		"	50.0	0.00	73.8	10-145				
Ethyl Benzene	36.9		"	50.0	0.00	73.7	11-158				
Hexachlorobutadiene	34.0		"	50.0	0.00	67.9	10-158				
Isopropylbenzene	41.0		"	50.0	0.00	82.0	10-162				
Methyl acetate	38.6		"	50.0	0.00	77.2	10-149				
Methyl tert-butyl ether (MTBE)	38.2		"	50.0	0.00	76.4	42-152				
Methylcyclohexane	32.3		"	50.0	0.00	64.7	70-130	Low Bias			
Methylene chloride	34.2		"	50.0	3.64	61.2	28-151				
n-Butylbenzene	32.1		"	50.0	0.00	64.3	10-162				
n-Propylbenzene	37.2		"	50.0	0.00	74.4	10-155				
o-Xylene	37.9		"	50.0	0.00	75.9	10-158				
p- & m- Xylenes	73.2		"	100	0.00	73.2	10-156				
p-Isopropyltoluene	37.4		"	50.0	0.00	74.7	10-147				
sec-Butylbenzene	38.1		"	50.0	0.00	76.3	10-157				
Styrene	35.2		"	50.0	0.00	70.3	13-171				
tert-Butyl alcohol (TBA)	204		"	250	0.00	81.5	34-179				
tert-Butylbenzene	35.4		"	50.0	0.00	70.8	10-160				
Tetrachloroethylene	32.7		"	50.0	0.00	65.5	30-167				
Toluene	35.9		"	50.0	0.00	71.9	21-160				
trans-1,2-Dichloroethylene	33.1		"	50.0	0.00	66.1	29-153				
trans-1,3-Dichloropropylene	32.7		"	50.0	0.00	65.4	18-155				
Trichloroethylene	36.6		"	50.0	0.00	73.3	24-169				
Trichlorofluoromethane	27.4		"	50.0	0.00	54.7	35-142				
Vinyl acetate	15.3		"	50.0	0.00	30.7	10-119				
Vinyl Chloride	31.3		"	50.0	0.00	62.6	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20262 - EPA 5035A											
Matrix Spike (BH20262-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/08/2022 Analyzed: 08/09/2022		
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*ug/L*	*50.0*		*99.6*	*76-130*				
Matrix Spike Dup (BH20262-MSD1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/08/2022 Analyzed: 08/09/2022		
1,1,1,2-Tetrachloroethane	39.6		ug/L	50.0	0.00	79.2	15-161		4.15	33	
1,1,1-Trichloroethane	38.0		"	50.0	0.00	75.9	42-145		8.23	30	
1,1,2,2-Tetrachloroethane	41.7		"	50.0	0.00	83.3	16-167		1.62	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32.3		"	50.0	0.00	64.6	11-160		2.60	31	
1,1,2-Trichloroethane	39.7		"	50.0	0.00	79.3	44-145		2.86	40	
1,1-Dichloroethane	34.6		"	50.0	0.00	69.3	46-142		3.73	36	
1,1-Dichloroethylene	30.3		"	50.0	0.00	60.6	30-153		3.63	31	
1,1-Dichloropropylene	34.3		"	50.0	0.00	68.7	40-133		5.69	28	
1,2,3-Trichlorobenzene	30.9		"	50.0	0.00	61.8	10-157		10.5	47	
1,2,3-Trichloropropane	43.8		"	50.0	0.00	87.7	38-155		0.366	48	
1,2,4-Trichlorobenzene	29.6		"	50.0	0.00	59.3	10-151		7.97	52	
1,2,4-Trimethylbenzene	37.8		"	50.0	0.00	75.6	10-170		0.664	242	
1,2-Dibromo-3-chloropropane	41.8		"	50.0	0.00	83.5	36-138		7.50	54	
1,2-Dibromoethane	41.4		"	50.0	0.00	82.9	40-142		4.14	39	
1,2-Dichlorobenzene	36.0		"	50.0	0.00	72.0	10-147		2.44	52	
1,2-Dichloroethane	35.2		"	50.0	0.00	70.5	48-133		3.32	32	
1,2-Dichloropropane	37.9		"	50.0	0.00	75.8	47-141		2.65	37	
1,3,5-Trimethylbenzene	37.7		"	50.0	0.00	75.3	10-150		1.07	62	
1,3-Dichlorobenzene	34.9		"	50.0	0.00	69.8	10-144		2.63	51	
1,3-Dichloropropane	38.2		"	50.0	0.00	76.4	43-142		2.36	36	
1,4-Dichlorobenzene	34.5		"	50.0	0.00	69.0	10-160		3.19	52	
1,4-Dioxane	1150		"	1050	0.00	109	10-191		19.0	196	
2,2-Dichloropropane	32.5		"	50.0	0.00	64.9	38-130		18.8	31	
2-Butanone	37.6		"	50.0	0.00	75.2	10-189		14.5	67	
2-Chlorotoluene	37.4		"	50.0	0.00	74.9	14-144		0.0802	49	
2-Hexanone	39.9		"	50.0	0.00	79.8	10-181		10.1	60	
4-Chlorotoluene	36.1		"	50.0	0.00	72.2	15-138		0.0832	39	
4-Methyl-2-pentanone	30.1		"	50.0	0.00	60.2	10-166		4.90	47	
Acetone	27.0		"	50.0	0.00	54.0	10-196		0.557	150	
Acrolein	4.78		"	50.0	0.00	9.56	10-192	Low Bias	1.26	128	
Acrylonitrile	37.2		"	50.0	0.00	74.5	13-161		5.52	48	
Benzene	36.3		"	50.0	0.00	72.6	43-139		3.36	64	
Bromobenzene	36.1		"	50.0	0.00	72.2	23-142		1.35	44	
Bromochloromethane	34.3		"	50.0	0.00	68.5	38-145		1.12	30	
Bromodichloromethane	38.6		"	50.0	0.00	77.2	38-147		4.99	37	
Bromoform	36.9		"	50.0	0.00	73.7	29-156		0.272	51	
Bromomethane	29.1		"	50.0	0.00	58.2	10-166		5.90	42	
Carbon disulfide	33.6		"	50.0	0.00	67.3	10-131		18.8	36	
Carbon tetrachloride	37.9		"	50.0	0.00	75.7	35-145		11.1	31	
Chlorobenzene	39.5		"	50.0	0.00	78.9	21-154		3.77	32	
Chloroethane	30.2		"	50.0	0.00	60.5	15-160		6.63	40	
Chloroform	36.7		"	50.0	0.00	73.4	47-142		5.37	29	
Chloromethane	35.9		"	50.0	0.00	71.8	10-159		6.86	31	
cis-1,2-Dichloroethylene	34.3		"	50.0	0.00	68.6	42-144		6.57	30	
cis-1,3-Dichloropropylene	34.6		"	50.0	0.00	69.2	18-159		6.81	39	
Cyclohexane	32.7		"	50.0	0.00	65.4	70-130	Low Bias	7.16	30	
Dibromochloromethane	39.4		"	50.0	0.00	78.8	10-179		2.10	41	
Dibromomethane	38.0		"	50.0	0.00	76.1	47-143		2.50	41	

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 BH20262 - EPA 5035A											
Matrix Spike Dup (BH20262-MSD1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/08/2022 Analyzed: 08/09/2022		
Dichlorodifluoromethane	41.6		ug/L	50.0	0.00	83.3	10-145		12.1	34	
Ethyl Benzene	38.7		"	50.0	0.00	77.5	11-158		4.97	42	
Hexachlorobutadiene	34.0		"	50.0	0.00	68.0	10-158		0.147	45	
Isopropylbenzene	42.4		"	50.0	0.00	84.7	10-162		3.29	57	
Methyl acetate	40.4		"	50.0	0.00	80.9	10-149		4.61	64	
Methyl tert-butyl ether (MTBE)	39.3		"	50.0	0.00	78.6	42-152		2.87	47	
Methylcyclohexane	35.2		"	50.0	0.00	70.4	70-130		8.44	30	
Methylene chloride	34.9		"	50.0	3.64	62.6	28-151		2.02	49	
n-Butylbenzene	32.6		"	50.0	0.00	65.1	10-162		1.27	96	
n-Propylbenzene	38.1		"	50.0	0.00	76.2	10-155		2.42	56	
o-Xylene	39.4		"	50.0	0.00	78.8	10-158		3.83	51	
p- & m- Xylenes	76.8		"	100	0.00	76.8	10-156		4.86	47	
p-Isopropyltoluene	38.6		"	50.0	0.00	77.2	10-147		3.29	60	
sec-Butylbenzene	39.2		"	50.0	0.00	78.3	10-157		2.66	56	
Styrene	36.3		"	50.0	0.00	72.5	13-171		3.11	39	
tert-Butyl alcohol (TBA)	240		"	250	0.00	96.1	34-179		16.5	35	
tert-Butylbenzene	36.5		"	50.0	0.00	73.0	10-160		3.06	79	
Tetrachloroethylene	35.8		"	50.0	0.00	71.6	30-167		8.90	33	
Toluene	37.5		"	50.0	0.00	74.9	21-160		4.14	50	
trans-1,2-Dichloroethylene	33.4		"	50.0	0.00	66.8	29-153		0.963	30	
trans-1,3-Dichloropropylene	34.8		"	50.0	0.00	69.6	18-155		6.28	30	
Trichloroethylene	39.0		"	50.0	0.00	78.0	24-169		6.24	30	
Trichlorofluoromethane	29.3		"	50.0	0.00	58.7	35-142		6.95	30	
Vinyl acetate	16.3		"	50.0	0.00	32.5	10-119		5.88	82	
Vinyl Chloride	33.0		"	50.0	0.00	66.1	12-160		5.38	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20264 - EPA 5035A											
Blank (BH20264-BLK1)											
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	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Prepared & Analyzed: 08/09/2022

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 BH20264 - EPA 5035A											
Blank (BH20264-BLK1)									Prepared & Analyzed: 08/09/2022		
Isopropylbenzene	ND	0.0050	mg/kg wet								
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	*48.3*		*ug/L*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS (BH20264-BS1)									Prepared & Analyzed: 08/09/2022		
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	46.6		"	50.0		93.3	71-137				
1,1,2,2-Tetrachloroethane	50.8		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.2		"	50.0		88.5	58-146				
1,1,2-Trichloroethane	47.8		"	50.0		95.5	83-123				
1,1-Dichloroethane	42.6		"	50.0		85.1	75-130				
1,1-Dichloroethylene	45.1		"	50.0		90.3	64-137				
1,1-Dichloropropylene	42.3		"	50.0		84.7	77-127				
1,2,3-Trichlorobenzene	53.9		"	50.0		108	81-140				
1,2,3-Trichloropropane	51.3		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	54.3		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	51.7		"	50.0		103	84-125				
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142				
1,2-Dibromoethane	49.7		"	50.0		99.4	86-123				
1,2-Dichlorobenzene	51.6		"	50.0		103	85-122				
1,2-Dichloroethane	42.0		"	50.0		84.0	71-133				
1,2-Dichloropropane	47.1		"	50.0		94.2	81-122				
1,3,5-Trimethylbenzene	50.9		"	50.0		102	82-126				
1,3-Dichlorobenzene	51.8		"	50.0		104	84-124				
1,3-Dichloropropane	46.7		"	50.0		93.5	83-123				
1,4-Dichlorobenzene	51.3		"	50.0		103	84-124				
1,4-Dioxane	1090		"	1050		104	10-228				
2,2-Dichloropropane	49.9		"	50.0		99.7	67-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20264 - EPA 5035A											
LCS (BH20264-BS1)								Prepared & Analyzed: 08/09/2022			
2-Butanone	39.4		ug/L	50.0		78.8	58-147				
2-Chlorotoluene	51.2		"	50.0		102	78-127				
2-Hexanone	45.7		"	50.0		91.3	70-139				
4-Chlorotoluene	50.7		"	50.0		101	79-125				
4-Methyl-2-pentanone	34.1		"	50.0		68.2	72-132	Low Bias			
Acetone	30.9		"	50.0		61.9	36-155				
Acrolein	23.2		"	50.0		46.3	10-238				
Acrylonitrile	41.0		"	50.0		81.9	66-141				
Benzene	44.5		"	50.0		89.1	77-127				
Bromobenzene	49.1		"	50.0		98.2	77-129				
Bromochloromethane	41.9		"	50.0		83.8	74-129				
Bromodichloromethane	49.7		"	50.0		99.3	81-124				
Bromoform	47.9		"	50.0		95.9	80-136				
Bromomethane	36.9		"	50.0		73.7	32-177				
Carbon disulfide	49.5		"	50.0		98.9	10-136				
Carbon tetrachloride	47.4		"	50.0		94.8	66-143				
Chlorobenzene	51.2		"	50.0		102	86-120				
Chloroethane	36.5		"	50.0		73.0	51-142				
Chloroform	45.1		"	50.0		90.3	76-131				
Chloromethane	45.2		"	50.0		90.4	49-132				
cis-1,2-Dichloroethylene	43.2		"	50.0		86.4	74-132				
cis-1,3-Dichloropropylene	50.3		"	50.0		101	81-129				
Cyclohexane	39.9		"	50.0		79.8	70-130				
Dibromochloromethane	52.4		"	50.0		105	10-200				
Dibromomethane	47.8		"	50.0		95.5	83-124				
Dichlorodifluoromethane	48.9		"	50.0		97.8	28-158				
Ethyl Benzene	49.8		"	50.0		99.6	84-125				
Hexachlorobutadiene	53.3		"	50.0		107	83-133				
Isopropylbenzene	54.5		"	50.0		109	81-127				
Methyl acetate	36.8		"	50.0		73.5	41-143				
Methyl tert-butyl ether (MTBE)	45.1		"	50.0		90.2	74-131				
Methylcyclohexane	44.1		"	50.0		88.1	70-130				
Methylene chloride	41.6		"	50.0		83.3	57-141				
n-Butylbenzene	48.5		"	50.0		97.0	80-130				
n-Propylbenzene	51.6		"	50.0		103	74-136				
o-Xylene	50.6		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Isopropyltoluene	52.8		"	50.0		106	85-125				
sec-Butylbenzene	52.1		"	50.0		104	83-125				
Styrene	48.1		"	50.0		96.2	86-126				
tert-Butyl alcohol (TBA)	251		"	250		101	70-130				
tert-Butylbenzene	47.8		"	50.0		95.7	80-127				
Tetrachloroethylene	45.3		"	50.0		90.5	80-129				
Toluene	47.7		"	50.0		95.4	85-121				
trans-1,2-Dichloroethylene	43.8		"	50.0		87.7	72-132				
trans-1,3-Dichloropropylene	51.2		"	50.0		102	78-132				
Trichloroethylene	49.1		"	50.0		98.2	84-123				
Trichlorofluoromethane	35.6		"	50.0		71.3	62-140				
Vinyl acetate	39.9		"	50.0		79.8	67-136				
Vinyl Chloride	40.9		"	50.0		81.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.6*		*"*	*50.0*		*95.1*	*77-125*				

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
Batch BH20264 - EPA 5035A											
LCS (BH20264-BS1)								Prepared & Analyzed: 08/09/2022			
Surrogate: SURR: Toluene-d8	*51.7*		*ug/L*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BH20264-BSD1)								Prepared & Analyzed: 08/09/2022			
1,1,1,2-Tetrachloroethane	52.7		ug/L	50.0		105	75-129		4.82	30	
1,1,1-Trichloroethane	49.6		"	50.0		99.2	71-137		6.11	30	
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	79-129		4.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.3		"	50.0		86.7	58-146		2.06	30	
1,1,2-Trichloroethane	49.5		"	50.0		99.1	83-123		3.66	30	
1,1-Dichloroethane	44.5		"	50.0		88.9	75-130		4.34	30	
1,1-Dichloroethylene	44.6		"	50.0		89.1	64-137		1.32	30	
1,1-Dichloropropylene	43.9		"	50.0		87.8	77-127		3.62	30	
1,2,3-Trichlorobenzene	56.2		"	50.0		112	81-140		4.17	30	
1,2,3-Trichloropropane	54.2		"	50.0		108	81-126		5.35	30	
1,2,4-Trichlorobenzene	57.0		"	50.0		114	80-141		4.80	30	
1,2,4-Trimethylbenzene	54.9		"	50.0		110	84-125		6.00	30	
1,2-Dibromo-3-chloropropane	51.7		"	50.0		103	74-142		2.98	30	
1,2-Dibromoethane	51.9		"	50.0		104	86-123		4.23	30	
1,2-Dichlorobenzene	54.7		"	50.0		109	85-122		5.78	30	
1,2-Dichloroethane	43.8		"	50.0		87.6	71-133		4.17	30	
1,2-Dichloropropane	50.0		"	50.0		99.9	81-122		5.89	30	
1,3,5-Trimethylbenzene	53.8		"	50.0		108	82-126		5.62	30	
1,3-Dichlorobenzene	54.8		"	50.0		110	84-124		5.73	30	
1,3-Dichloropropane	48.6		"	50.0		97.1	83-123		3.82	30	
1,4-Dichlorobenzene	54.6		"	50.0		109	84-124		6.16	30	
1,4-Dioxane	1080		"	1050		103	10-228		0.576	30	
2,2-Dichloropropane	51.7		"	50.0		103	67-136		3.58	30	
2-Butanone	41.4		"	50.0		82.8	58-147		4.93	30	
2-Chlorotoluene	54.2		"	50.0		108	78-127		5.77	30	
2-Hexanone	46.7		"	50.0		93.4	70-139		2.25	30	
4-Chlorotoluene	54.0		"	50.0		108	79-125		6.21	30	
4-Methyl-2-pentanone	35.2		"	50.0		70.3	72-132	Low Bias	3.15	30	
Acetone	31.7		"	50.0		63.4	36-155		2.36	30	
Acrolein	24.5		"	50.0		49.1	10-238		5.70	30	
Acrylonitrile	41.9		"	50.0		83.8	66-141		2.27	30	
Benzene	46.2		"	50.0		92.5	77-127		3.72	30	
Bromobenzene	51.8		"	50.0		104	77-129		5.45	30	
Bromochloromethane	42.3		"	50.0		84.5	74-129		0.831	30	
Bromodichloromethane	51.9		"	50.0		104	81-124		4.37	30	
Bromoform	50.7		"	50.0		101	80-136		5.56	30	
Bromomethane	39.4		"	50.0		78.7	32-177		6.53	30	
Carbon disulfide	51.0		"	50.0		102	10-136		2.97	30	
Carbon tetrachloride	49.4		"	50.0		98.8	66-143		4.13	30	
Chlorobenzene	54.1		"	50.0		108	86-120		5.56	30	
Chloroethane	38.1		"	50.0		76.2	51-142		4.24	30	
Chloroform	47.4		"	50.0		94.7	76-131		4.82	30	
Chloromethane	46.6		"	50.0		93.3	49-132		3.16	30	
cis-1,2-Dichloroethylene	45.2		"	50.0		90.3	74-132		4.44	30	
cis-1,3-Dichloropropylene	52.4		"	50.0		105	81-129		3.99	30	
Cyclohexane	41.0		"	50.0		82.0	70-130		2.67	30	
Dibromochloromethane	54.5		"	50.0		109	10-200		3.98	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20264 - EPA 5035A											
LCS Dup (BH20264-BSD1)								Prepared & Analyzed: 08/09/2022			
Dibromomethane	48.9		ug/L	50.0		97.8	83-124		2.30	30	
Dichlorodifluoromethane	49.1		"	50.0		98.1	28-158		0.327	30	
Ethyl Benzene	52.3		"	50.0		105	84-125		4.88	30	
Hexachlorobutadiene	55.8		"	50.0		112	83-133		4.62	30	
Isopropylbenzene	58.4		"	50.0		117	81-127		6.91	30	
Methyl acetate	37.0		"	50.0		73.9	41-143		0.543	30	
Methyl tert-butyl ether (MTBE)	48.7		"	50.0		97.3	74-131		7.64	30	
Methylcyclohexane	46.2		"	50.0		92.4	70-130		4.76	30	
Methylene chloride	42.1		"	50.0		84.2	57-141		1.10	30	
n-Butylbenzene	50.9		"	50.0		102	80-130		4.79	30	
n-Propylbenzene	54.8		"	50.0		110	74-136		5.98	30	
o-Xylene	53.4		"	50.0		107	83-123		5.41	30	
p- & m- Xylenes	105		"	100		105	82-128		4.54	30	
p-Isopropyltoluene	55.8		"	50.0		112	85-125		5.56	30	
sec-Butylbenzene	55.1		"	50.0		110	83-125		5.56	30	
Styrene	50.8		"	50.0		102	86-126		5.38	30	
tert-Butyl alcohol (TBA)	258		"	250		103	70-130		2.73	30	
tert-Butylbenzene	50.2		"	50.0		100	80-127		4.73	30	
Tetrachloroethylene	48.0		"	50.0		96.1	80-129		5.94	30	
Toluene	49.8		"	50.0		99.7	85-121		4.41	30	
trans-1,2-Dichloroethylene	44.8		"	50.0		89.6	72-132		2.12	30	
trans-1,3-Dichloropropylene	54.2		"	50.0		108	78-132		5.75	30	
Trichloroethylene	51.4		"	50.0		103	84-123		4.66	30	
Trichlorofluoromethane	37.2		"	50.0		74.4	62-140		4.37	30	
Vinyl acetate	40.6		"	50.0		81.1	67-136		1.67	30	
Vinyl Chloride	42.4		"	50.0		84.8	52-130		3.46	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH20510 - EPA 3546 SVOA

Matrix Spike (BH20510-MS1) *Source sample: 22H0308-09 (SB020 (8'-10')) Prepared & Analyzed: 08/09/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.528	0.0981	mg/kg dry	0.981	ND	53.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.558	0.196	"	0.981	ND	56.9	10-133				
1,2,4-Trichlorobenzene	0.484	0.0981	"	0.981	ND	49.4	10-127				
1,2-Dichlorobenzene	0.459	0.0981	"	0.981	ND	46.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.528	0.0981	"	0.981	ND	53.8	10-144				
1,3-Dichlorobenzene	0.441	0.0981	"	0.981	ND	45.0	11-111				
1,4-Dichlorobenzene	0.504	0.0981	"	0.981	ND	51.4	10-106				
2,3,4,6-Tetrachlorophenol	0.460	0.196	"	0.981	ND	46.9	30-130				
2,4,5-Trichlorophenol	0.511	0.0981	"	0.981	ND	52.1	10-127				
2,4,6-Trichlorophenol	0.561	0.0981	"	0.981	ND	57.2	10-132				
2,4-Dichlorophenol	0.514	0.0981	"	0.981	ND	52.4	10-128				
2,4-Dimethylphenol	0.472	0.0981	"	0.981	ND	48.2	10-137				
2,4-Dinitrophenol	ND	0.196	"	0.981	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.617	0.0981	"	0.981	ND	62.9	16-135				
2,6-Dinitrotoluene	0.591	0.0981	"	0.981	ND	60.3	18-131				
2-Chloronaphthalene	0.495	0.0981	"	0.981	ND	50.5	10-129				
2-Chlorophenol	0.440	0.0981	"	0.981	ND	44.9	15-116				
2-Methylnaphthalene	0.519	0.0981	"	0.981	ND	52.9	10-147				
2-Methylphenol	0.440	0.0981	"	0.981	ND	44.9	10-136				
2-Nitroaniline	0.569	0.196	"	0.981	ND	58.0	10-137				
2-Nitrophenol	0.579	0.0981	"	0.981	ND	59.0	10-129				
3- & 4-Methylphenols	0.435	0.0981	"	0.981	ND	44.4	10-123				
3,3-Dichlorobenzidine	0.668	0.0981	"	0.981	ND	68.1	10-155				
3-Nitroaniline	0.591	0.196	"	0.981	ND	60.3	12-133				
4,6-Dinitro-2-methylphenol	0.271	0.196	"	0.981	ND	27.7	10-155				
4-Bromophenyl phenyl ether	0.549	0.0981	"	0.981	ND	56.0	14-128				
4-Chloro-3-methylphenol	0.628	0.0981	"	0.981	ND	64.1	10-134				
4-Chloroaniline	0.444	0.0981	"	0.981	ND	45.3	10-145				
4-Chlorophenyl phenyl ether	0.568	0.0981	"	0.981	ND	57.9	14-130				
4-Nitroaniline	0.528	0.196	"	0.981	ND	53.8	10-147				
4-Nitrophenol	0.543	0.196	"	0.981	ND	55.4	10-137				
Acenaphthene	0.478	0.0981	"	0.981	ND	48.7	10-146				
Acenaphthylene	0.481	0.0981	"	0.981	ND	49.0	10-134				
Acetophenone	0.534	0.0981	"	0.981	ND	54.5	10-116				
Aniline	0.357	0.393	"	0.981	ND	36.4	10-123				
Anthracene	0.569	0.0981	"	0.981	ND	58.0	10-142				
Atrazine	0.623	0.0981	"	0.981	ND	63.5	19-115				
Benzaldehyde	0.466	0.0981	"	0.981	ND	47.5	10-125				
Benzo(a)anthracene	0.564	0.0981	"	0.981	ND	57.5	10-158				
Benzo(a)pyrene	0.530	0.0981	"	0.981	ND	54.0	10-180				
Benzo(b)fluoranthene	0.526	0.0981	"	0.981	ND	53.7	10-200				
Benzo(g,h,i)perylene	0.557	0.0981	"	0.981	ND	56.8	10-138				
Benzo(k)fluoranthene	0.577	0.0981	"	0.981	ND	58.8	10-197				
Benzoic acid	1.23	0.0981	"	0.981	ND	126	10-166				
Benzyl alcohol	0.357	0.0981	"	0.981	ND	36.4	12-124				
Benzyl butyl phthalate	0.573	0.0981	"	0.981	ND	58.5	10-154				
Bis(2-chloroethoxy)methane	0.419	0.0981	"	0.981	ND	42.7	10-132				
Bis(2-chloroethyl)ether	0.453	0.0981	"	0.981	ND	46.2	10-119				
Bis(2-chloroisopropyl)ether	0.224	0.0981	"	0.981	ND	22.9	10-139				
Bis(2-ethylhexyl)phthalate	0.634	0.0981	"	0.981	ND	64.6	10-167				
Caprolactam	0.507	0.196	"	0.981	ND	51.7	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 BH20510 - EPA 3546 SVOA											
Matrix Spike (BH20510-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))						Prepared & Analyzed: 08/09/2022				
Carbazole	0.588	0.0981	mg/kg dry	0.981	ND	59.9	10-167				
Chrysene	0.555	0.0981	"	0.981	ND	56.6	10-156				
Dibenzo(a,h)anthracene	0.597	0.0981	"	0.981	ND	60.9	10-137				
Dibenzofuran	0.510	0.0981	"	0.981	ND	52.0	10-147				
Diethyl phthalate	0.562	0.0981	"	0.981	ND	57.4	20-120				
Dimethyl phthalate	0.543	0.0981	"	0.981	ND	55.4	18-131				
Di-n-butyl phthalate	0.552	0.0981	"	0.981	ND	56.3	10-137				
Di-n-octyl phthalate	0.664	0.0981	"	0.981	ND	67.8	10-180				
Fluoranthene	0.569	0.0981	"	0.981	ND	58.0	10-160				
Fluorene	0.528	0.0981	"	0.981	ND	53.8	10-157				
Hexachlorobenzene	0.554	0.0981	"	0.981	ND	56.5	10-137				
Hexachlorobutadiene	0.544	0.0981	"	0.981	ND	55.5	10-132				
Hexachlorocyclopentadiene	0.143	0.0981	"	0.981	ND	14.6	10-106				
Hexachloroethane	0.431	0.0981	"	0.981	ND	43.9	10-110				
Indeno(1,2,3-cd)pyrene	0.744	0.0981	"	0.981	ND	75.8	10-144				
Isophorone	0.463	0.0981	"	0.981	ND	47.2	10-132				
Naphthalene	0.493	0.0981	"	0.981	ND	50.2	10-141				
Nitrobenzene	0.586	0.0981	"	0.981	ND	59.8	10-131				
N-Nitrosodimethylamine	0.376	0.0981	"	0.981	ND	38.3	10-126				
N-nitroso-di-n-propylamine	0.357	0.0981	"	0.981	ND	36.4	10-125				
N-Nitrosodiphenylamine	0.616	0.0981	"	0.981	ND	62.8	10-177				
Pentachlorophenol	0.155	0.0981	"	0.981	ND	15.8	10-153				
Phenanthrene	0.534	0.0981	"	0.981	ND	54.5	10-148				
Phenol	0.526	0.0981	"	0.981	ND	53.6	10-126				
Pyrene	0.495	0.0981	"	0.981	ND	50.5	10-165				
Pyridine	0.306	0.393	"	0.981	ND	31.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.653*		*"*	*1.96*		*33.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.696*		*"*	*1.96*		*35.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.450*		*"*	*0.981*		*45.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.417*		*"*	*0.981*		*42.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.788*		*"*	*1.96*		*40.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.453*		*"*	*0.981*		*46.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH20510 - EPA 3546 SVOA

Matrix Spike Dup (BH20510-MSD1) *Source sample: 22H0308-09 (SB020 (8'-10')) Prepared & Analyzed: 08/09/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.773	0.0981	mg/kg dry	0.981	ND	78.8	10-130		37.6	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.846	0.196	"	0.981	ND	86.2	10-133		41.0	30	Non-dir.
1,2,4-Trichlorobenzene	0.670	0.0981	"	0.981	ND	68.3	10-127		32.2	30	Non-dir.
1,2-Dichlorobenzene	0.696	0.0981	"	0.981	ND	71.0	14-111		41.0	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.743	0.0981	"	0.981	ND	75.8	10-144		33.8	30	Non-dir.
1,3-Dichlorobenzene	0.653	0.0981	"	0.981	ND	66.6	11-111		38.9	30	Non-dir.
1,4-Dichlorobenzene	0.722	0.0981	"	0.981	ND	73.7	10-106		35.5	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.988	0.196	"	0.981	ND	101	30-130		73.0	30	Non-dir.
2,4,5-Trichlorophenol	0.683	0.0981	"	0.981	ND	69.7	10-127		28.9	30	
2,4,6-Trichlorophenol	0.783	0.0981	"	0.981	ND	79.8	10-132		33.0	30	Non-dir.
2,4-Dichlorophenol	0.754	0.0981	"	0.981	ND	76.9	10-128		37.9	30	Non-dir.
2,4-Dimethylphenol	0.535	0.0981	"	0.981	ND	54.6	10-137		12.5	30	
2,4-Dinitrophenol	ND	0.196	"	0.981	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.824	0.0981	"	0.981	ND	84.1	16-135		28.9	30	
2,6-Dinitrotoluene	0.900	0.0981	"	0.981	ND	91.8	18-131		41.3	30	Non-dir.
2-Chloronaphthalene	0.692	0.0981	"	0.981	ND	70.6	10-129		33.2	30	Non-dir.
2-Chlorophenol	0.653	0.0981	"	0.981	ND	66.6	15-116		39.0	30	Non-dir.
2-Methylnaphthalene	0.705	0.0981	"	0.981	ND	71.9	10-147		30.5	30	Non-dir.
2-Methylphenol	0.646	0.0981	"	0.981	ND	65.8	10-136		37.9	30	Non-dir.
2-Nitroaniline	0.848	0.196	"	0.981	ND	86.5	10-137		39.4	30	Non-dir.
2-Nitrophenol	0.756	0.0981	"	0.981	ND	77.1	10-129		26.6	30	
3- & 4-Methylphenols	0.569	0.0981	"	0.981	ND	58.0	10-123		26.6	30	
3,3-Dichlorobenzidine	0.948	0.0981	"	0.981	ND	96.6	10-155		34.7	30	Non-dir.
3-Nitroaniline	0.882	0.196	"	0.981	ND	89.9	12-133		39.4	30	Non-dir.
4,6-Dinitro-2-methylphenol	0.428	0.196	"	0.981	ND	43.6	10-155		44.7	30	Non-dir.
4-Bromophenyl phenyl ether	0.783	0.0981	"	0.981	ND	79.8	14-128		35.1	30	Non-dir.
4-Chloro-3-methylphenol	0.907	0.0981	"	0.981	ND	92.5	10-134		36.3	30	Non-dir.
4-Chloroaniline	0.682	0.0981	"	0.981	ND	69.6	10-145		42.3	30	Non-dir.
4-Chlorophenyl phenyl ether	0.777	0.0981	"	0.981	ND	79.2	14-130		31.0	30	Non-dir.
4-Nitroaniline	0.721	0.196	"	0.981	ND	73.5	10-147		30.9	30	Non-dir.
4-Nitrophenol	0.580	0.196	"	0.981	ND	59.2	10-137		6.70	30	
Acenaphthene	0.714	0.0981	"	0.981	ND	72.8	10-146		39.6	30	Non-dir.
Acenaphthylene	0.685	0.0981	"	0.981	ND	69.8	10-134		35.0	30	Non-dir.
Acetophenone	0.715	0.0981	"	0.981	ND	72.9	10-116		28.9	30	
Aniline	0.539	0.393	"	0.981	ND	55.0	10-123		40.6	30	Non-dir.
Anthracene	0.755	0.0981	"	0.981	ND	77.0	10-142		28.1	30	
Atrazine	0.926	0.0981	"	0.981	ND	94.5	19-115		39.2	30	Non-dir.
Benzaldehyde	0.686	0.0981	"	0.981	ND	70.0	10-125		38.3	30	Non-dir.
Benzo(a)anthracene	0.762	0.0981	"	0.981	ND	77.8	10-158		29.9	30	
Benzo(a)pyrene	0.698	0.0981	"	0.981	ND	71.2	10-180		27.5	30	
Benzo(b)fluoranthene	0.745	0.0981	"	0.981	ND	76.0	10-200		34.4	30	Non-dir.
Benzo(g,h,i)perylene	0.905	0.0981	"	0.981	ND	92.3	10-138		47.6	30	Non-dir.
Benzo(k)fluoranthene	0.789	0.0981	"	0.981	ND	80.5	10-197		31.1	30	Non-dir.
Benzoic acid	1.67	0.0981	"	0.981	ND	170	10-166	High Bias	30.2	30	Non-dir.
Benzyl alcohol	0.575	0.0981	"	0.981	ND	58.6	12-124		46.8	30	Non-dir.
Benzyl butyl phthalate	0.765	0.0981	"	0.981	ND	78.0	10-154		28.6	30	
Bis(2-chloroethoxy)methane	0.609	0.0981	"	0.981	ND	62.1	10-132		36.9	30	Non-dir.
Bis(2-chloroethyl)ether	0.682	0.0981	"	0.981	ND	69.6	10-119		40.3	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.347	0.0981	"	0.981	ND	35.4	10-139		42.9	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.848	0.0981	"	0.981	ND	86.5	10-167		28.9	30	
Caprolactam	0.728	0.196	"	0.981	ND	74.2	10-132		35.8	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20510 - EPA 3546 SVOA											
Matrix Spike Dup (BH20510-MSD1)	*Source sample: 22H0308-09 (SB020 (8'-10'))							Prepared & Analyzed: 08/09/2022			
Carbazole	0.824	0.0981	mg/kg dry	0.981	ND	84.1	10-167		33.6	30	Non-dir.
Chrysene	0.755	0.0981	"	0.981	ND	77.0	10-156		30.5	30	Non-dir.
Dibenzo(a,h)anthracene	0.832	0.0981	"	0.981	ND	84.8	10-137		32.8	30	Non-dir.
Dibenzofuran	0.741	0.0981	"	0.981	ND	75.5	10-147		36.9	30	Non-dir.
Diethyl phthalate	0.777	0.0981	"	0.981	ND	79.3	20-120		32.1	30	Non-dir.
Dimethyl phthalate	0.788	0.0981	"	0.981	ND	80.4	18-131		36.9	30	Non-dir.
Di-n-butyl phthalate	0.782	0.0981	"	0.981	ND	79.8	10-137		34.5	30	Non-dir.
Di-n-octyl phthalate	0.887	0.0981	"	0.981	ND	90.5	10-180		28.7	30	
Fluoranthene	0.766	0.0981	"	0.981	ND	78.2	10-160		29.6	30	
Fluorene	0.737	0.0981	"	0.981	ND	75.1	10-157		33.0	30	Non-dir.
Hexachlorobenzene	0.693	0.0981	"	0.981	ND	70.6	10-137		22.3	30	
Hexachlorobutadiene	0.781	0.0981	"	0.981	ND	79.7	10-132		35.7	30	Non-dir.
Hexachlorocyclopentadiene	0.281	0.0981	"	0.981	ND	28.6	10-106		65.2	30	Non-dir.
Hexachloroethane	0.627	0.0981	"	0.981	ND	63.9	10-110		37.1	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1.04	0.0981	"	0.981	ND	107	10-144		33.7	30	Non-dir.
Isophorone	0.683	0.0981	"	0.981	ND	69.7	10-132		38.5	30	Non-dir.
Naphthalene	0.699	0.0981	"	0.981	ND	71.3	10-141		34.6	30	Non-dir.
Nitrobenzene	0.782	0.0981	"	0.981	ND	79.8	10-131		28.7	30	
N-Nitrosodimethylamine	0.580	0.0981	"	0.981	ND	59.1	10-126		42.7	30	Non-dir.
N-nitroso-di-n-propylamine	0.719	0.0981	"	0.981	ND	73.4	10-125		67.3	30	Non-dir.
N-Nitrosodiphenylamine	0.893	0.0981	"	0.981	ND	91.0	10-177		36.7	30	Non-dir.
Pentachlorophenol	0.316	0.0981	"	0.981	ND	32.2	10-153		68.7	30	Non-dir.
Phenanthrene	0.746	0.0981	"	0.981	ND	76.1	10-148		33.1	30	Non-dir.
Phenol	0.720	0.0981	"	0.981	ND	73.4	10-126		31.2	30	Non-dir.
Pyrene	0.690	0.0981	"	0.981	ND	70.3	10-165		32.8	30	Non-dir.
Pyridine	0.477	0.393	"	0.981	ND	48.6	10-83		43.7	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1.08*		"	*1.96*		*54.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.06*		"	*1.96*		*54.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.675*		"	*0.981*		*68.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.582*		"	*0.981*		*59.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		"	*1.96*		*60.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.608*		"	*0.981*		*62.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

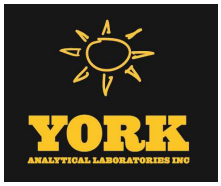
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20583 - EPA 3510C											
Blank (BH20583-BLK1)											
Prepared: 08/10/2022 Analyzed: 08/11/2022											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20583 - EPA 3510C											
Blank (BH20583-BLK1)											Prepared: 08/10/2022 Analyzed: 08/11/2022
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*15.5*		*"*	*50.0*		*31.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*7.18*		*"*	*50.0*		*14.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.2*		*"*	*25.0*		*72.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.1*		*"*	*25.0*		*76.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.3*		*"*	*50.0*		*74.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.6*		*"*	*25.0*		*74.4*	*30.7-106*				
Blank (BH20583-BLK2)											Prepared & Analyzed: 08/10/2022
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	1.08	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

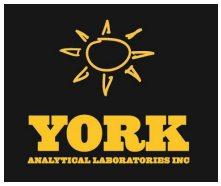
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20583 - EPA 3510C											
LCS (BH20583-BS1)								Prepared: 08/10/2022 Analyzed: 08/11/2022			
1,1-Biphenyl	18.7	5.00	ug/L	25.0		74.7	70-95				
1,2,4,5-Tetrachlorobenzene	19.2	5.00	"	25.0		76.9	70-120				
1,2,4-Trichlorobenzene	16.3	5.00	"	25.0		65.0	20-118				
1,2-Dichlorobenzene	14.3	5.00	"	25.0		57.2	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	16.3	5.00	"	25.0		65.3	16-141				
1,3-Dichlorobenzene	13.6	5.00	"	25.0		54.3	23-117				
1,4-Dichlorobenzene	14.9	5.00	"	25.0		59.7	30-105				
2,3,4,6-Tetrachlorophenol	22.8	5.00	"	25.0		91.3	70-130				
2,4,5-Trichlorophenol	20.1	5.00	"	25.0		80.4	70-114				
2,4,6-Trichlorophenol	17.9	5.00	"	25.0		71.4	70-118				
2,4-Dichlorophenol	18.3	5.00	"	25.0		73.3	70-116				
2,4-Dimethylphenol	14.4	5.00	"	25.0		57.4	70-116	Low Bias			
2,4-Dinitrophenol	19.7	5.00	"	25.0		78.8	20-160				
2,4-Dinitrotoluene	21.1	5.00	"	25.0		84.3	70-128				
2,6-Dinitrotoluene	20.9	5.00	"	25.0		83.5	70-116				
2-Chloronaphthalene	16.0	5.00	"	25.0		64.1	70-112	Low Bias			
2-Chlorophenol	13.0	5.00	"	25.0		52.0	70-120	Low Bias			
2-Methylnaphthalene	17.0	5.00	"	25.0		68.0	70-118	Low Bias			
2-Methylphenol	11.8	5.00	"	25.0		47.2	70-110	Low Bias			
2-Nitroaniline	19.2	5.00	"	25.0		76.9	70-129				
2-Nitrophenol	16.6	5.00	"	25.0		66.3	70-118	Low Bias			
3- & 4-Methylphenols	10.1	5.00	"	25.0		40.5	20-107				
3,3-Dichlorobenzidine	23.6	5.00	"	25.0		94.3	70-160				
3-Nitroaniline	20.0	5.00	"	25.0		80.0	70-134				
4,6-Dinitro-2-methylphenol	20.7	5.00	"	25.0		82.6	70-153				
4-Bromophenyl phenyl ether	16.8	5.00	"	25.0		67.2	70-120	Low Bias			
4-Chloro-3-methylphenol	18.2	5.00	"	25.0		72.9	70-120				
4-Chloroaniline	15.2	5.00	"	25.0		60.8	70-147	Low Bias			
4-Chlorophenyl phenyl ether	18.7	5.00	"	25.0		75.0	70-121				
4-Nitroaniline	16.6	5.00	"	25.0		66.3	70-134	Low Bias			
4-Nitrophenol	7.47	5.00	"	25.0		29.9	20-131				
Acetophenone	19.8	5.00	"	25.0		79.4	70-110				
Aniline	11.7	5.00	"	25.0		46.9	10-117				
Benzaldehyde	15.7	5.00	"	25.0		62.7	29-117				
Benzoic acid	3.00	5.00	"	25.0		12.0	30-130	Low Bias			
Benzyl alcohol	11.5	5.00	"	25.0		46.0	10-117				
Benzyl butyl phthalate	18.9	5.00	"	25.0		75.6	70-130				
Bis(2-chloroethoxy)methane	14.1	5.00	"	25.0		56.3	70-130	Low Bias			
Bis(2-chloroethyl)ether	15.4	5.00	"	25.0		61.4	70-125	Low Bias			
Bis(2-chloroisopropyl)ether	8.76	5.00	"	25.0		35.0	70-130	Low Bias			
Caprolactam	3.30	5.00	"	25.0		13.2	20-137	Low Bias			
Carbazole	17.0	5.00	"	25.0		68.0	70-126	Low Bias			
Dibenzofuran	17.3	5.00	"	25.0		69.2	70-113	Low Bias			
Diethyl phthalate	17.8	5.00	"	25.0		71.4	70-115				
Dimethyl phthalate	17.8	5.00	"	25.0		71.2	70-129				
Di-n-butyl phthalate	18.0	5.00	"	25.0		72.2	70-120				
Di-n-octyl phthalate	23.4	5.00	"	25.0		93.5	70-130				
Hexachlorocyclopentadiene	9.58	10.0	"	25.0		38.3	20-130				
Isophorone	16.6	5.00	"	25.0		66.6	70-127	Low Bias			
N-nitroso-di-n-propylamine	16.8	5.00	"	25.0		67.3	70-122	Low Bias			
N-Nitrosodiphenylamine	18.8	5.00	"	25.0		75.1	70-130				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20583 - EPA 3510C											
LCS (BH20583-BS1)								Prepared: 08/10/2022 Analyzed: 08/11/2022			
Phenol	5.75	5.00	ug/L	25.0		23.0	20-110				
Pyridine	9.59	5.00	"	25.5		37.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*15.3*		*"*	*50.0*		*30.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.75*		*"*	*50.0*		*19.5*	*15-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.9*		*"*	*25.0*		*75.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.0*		*"*	*25.0*		*71.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.5*		*"*	*50.0*		*71.0*	*39.3-110*				
Surrogate: SURR: Terphenyl-d14	*19.4*		*"*	*25.0*		*77.8*	*30.7-106*				
LCS (BH20583-BS2)								Prepared & Analyzed: 08/10/2022			
Acenaphthene	0.700	0.0500	ug/L	1.00		70.0	25-116				
Acenaphthylene	0.750	0.0500	"	1.00		75.0	26-116				
Anthracene	0.560	0.0500	"	1.00		56.0	25-123				
Benzo(a)anthracene	0.830	0.0500	"	1.00		83.0	33-125				
Benzo(a)pyrene	0.570	0.0500	"	1.00		57.0	32-132				
Benzo(b)fluoranthene	0.920	0.0500	"	1.00		92.0	22-137				
Benzo(g,h,i)perylene	0.960	0.0500	"	1.00		96.0	10-138				
Benzo(k)fluoranthene	0.870	0.0500	"	1.00		87.0	20-137				
Bis(2-ethylhexyl)phthalate	1.53	0.500	"	1.00		153	10-189				
Chrysene	0.820	0.0500	"	1.00		82.0	32-124				
Dibenzo(a,h)anthracene	0.970	0.0500	"	1.00		97.0	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.840	0.0500	"	1.00		84.0	28-118				
Hexachlorobenzene	0.860	0.0200	"	1.00		86.0	23-124				
Hexachlorobutadiene	0.870	0.500	"	1.00		87.0	15-123				
Hexachloroethane	4.04	0.500	"	1.00		404	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.930	0.0500	"	1.00		93.0	15-135				
Naphthalene	0.700	0.0500	"	1.00		70.0	18-120				
Nitrobenzene	1.32	0.250	"	1.00		132	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.91	0.250	"	1.00		191	10-156	High Bias			
Phenanthrene	0.830	0.0500	"	1.00		83.0	24-127				
Pyrene	0.810	0.0500	"	1.00		81.0	31-132				



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 BH20583 - EPA 3510C											
LCS Dup (BH20583-BSD1)								Prepared: 08/10/2022 Analyzed: 08/11/2022			
1,1-Biphenyl	20.2	5.00	ug/L	25.0		80.8	33-95		7.87	20	
1,2,4,5-Tetrachlorobenzene	20.0	5.00	"	25.0		80.2	26-120		4.13	20	
1,2,4-Trichlorobenzene	16.4	5.00	"	25.0		65.7	20-118		0.979	20	
1,2-Dichlorobenzene	15.3	5.00	"	25.0		61.2	29-111		6.69	20	
1,2-Diphenylhydrazine (as Azobenzene)	18.1	5.00	"	25.0		72.4	16-141		10.3	20	
1,3-Dichlorobenzene	14.6	5.00	"	25.0		58.6	23-117		7.65	20	
1,4-Dichlorobenzene	15.4	5.00	"	25.0		61.5	30-105		2.97	20	
2,3,4,6-Tetrachlorophenol	20.2	5.00	"	25.0		80.8	30-130		12.1	20	
2,4,5-Trichlorophenol	22.2	5.00	"	25.0		89.0	32-114		10.1	20	
2,4,6-Trichlorophenol	20.3	5.00	"	25.0		81.1	35-118		12.7	20	
2,4-Dichlorophenol	17.9	5.00	"	25.0		71.5	25-116		2.49	20	
2,4-Dimethylphenol	15.3	5.00	"	25.0		61.2	15-116		6.40	20	
2,4-Dinitrophenol	21.4	5.00	"	25.0		85.5	10-170		8.18	20	
2,4-Dinitrotoluene	23.7	5.00	"	25.0		94.6	41-128		11.6	20	
2,6-Dinitrotoluene	22.2	5.00	"	25.0		88.7	45-116		5.99	20	
2-Chloronaphthalene	17.3	5.00	"	25.0		69.2	33-112		7.56	20	
2-Chlorophenol	13.5	5.00	"	25.0		54.0	15-120		3.77	20	
2-Methylnaphthalene	17.4	5.00	"	25.0		69.5	24-118		2.21	20	
2-Methylphenol	12.4	5.00	"	25.0		49.7	10-110		5.20	20	
2-Nitroaniline	19.8	5.00	"	25.0		79.2	34-129		2.87	20	
2-Nitrophenol	20.4	5.00	"	25.0		81.6	28-118		20.7	20	Non-dir.
3- & 4-Methylphenols	9.93	5.00	"	25.0		39.7	10-107		1.90	20	
3,3-Dichlorobenzidine	27.2	5.00	"	25.0		109	15-187		14.5	20	
3-Nitroaniline	20.6	5.00	"	25.0		82.3	24-134		2.86	20	
4,6-Dinitro-2-methylphenol	24.3	5.00	"	25.0		97.3	10-153		16.3	20	
4-Bromophenyl phenyl ether	19.3	5.00	"	25.0		77.2	34-120		13.9	20	
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.4	20-120		4.77	20	
4-Chloroaniline	15.8	5.00	"	25.0		63.2	10-147		3.81	20	
4-Chlorophenyl phenyl ether	19.4	5.00	"	25.0		77.6	27-121		3.41	20	
4-Nitroaniline	15.7	5.00	"	25.0		62.8	13-134		5.45	20	
4-Nitrophenol	7.26	5.00	"	25.0		29.0	10-131		2.85	20	
Acetophenone	21.8	5.00	"	25.0		87.2	25-110		9.37	20	
Aniline	11.9	5.00	"	25.0		47.6	10-117		1.44	20	
Benzaldehyde	17.3	5.00	"	25.0		69.2	29-117		9.77	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	12.2	5.00	"	25.0		48.8	10-117		5.99	20	
Benzyl butyl phthalate	20.7	5.00	"	25.0		82.8	29-133		8.99	20	
Bis(2-chloroethoxy)methane	15.0	5.00	"	25.0		60.2	10-154		6.66	20	
Bis(2-chloroethyl)ether	15.2	5.00	"	25.0		60.6	17-125		1.31	20	
Bis(2-chloroisopropyl)ether	8.56	5.00	"	25.0		34.2	10-139		2.31	20	
Caprolactam	4.24	5.00	"	25.0		17.0	10-137		24.9	20	Non-dir.
Carbazole	19.8	5.00	"	25.0		79.1	42-126		15.1	20	
Dibenzofuran	18.6	5.00	"	25.0		74.3	36-113		7.13	20	
Diethyl phthalate	19.8	5.00	"	25.0		79.2	38-115		10.4	20	
Dimethyl phthalate	18.7	5.00	"	25.0		74.9	38-129		5.04	20	
Di-n-butyl phthalate	21.0	5.00	"	25.0		84.0	31-120		15.2	20	
Di-n-octyl phthalate	25.1	5.00	"	25.0		100	21-149		7.22	20	
Hexachlorocyclopentadiene	10.7	10.0	"	25.0		42.9	10-130		11.2	20	
Isophorone	16.9	5.00	"	25.0		67.4	25-127		1.31	20	
N-nitroso-di-n-propylamine	17.4	5.00	"	25.0		69.6	26-122		3.33	20	
N-Nitrosodiphenylamine	21.3	5.00	"	25.0		85.0	23-149		12.4	20	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20583 - EPA 3510C											
LCS Dup (BH20583-BSD1)									Prepared: 08/10/2022 Analyzed: 08/11/2022		
Phenol	5.71	5.00	ug/L	25.0		22.8	10-110		0.698	20	
Pyridine	9.54	5.00	"	25.5		37.4	10-90		0.523	20	
Surrogate: SURR: 2-Fluorophenol	*15.8*		"	*50.0*		*31.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.0*		"	*50.0*		*20.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.7*		"	*25.0*		*75.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		"	*25.0*		*74.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.5*		"	*50.0*		*77.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.2*		"	*25.0*		*80.7*	*30.7-106*				
Batch BH20679 - EPA 3546 SVOA											
Blank (BH20679-BLK1)									Prepared & Analyzed: 08/11/2022		
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	"								
2,6-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	"								

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 BH20679 - EPA 3546 SVOA											
Blank (BH20679-BLK1)									Prepared & Analyzed: 08/11/2022		
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
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	"								
Caprolactam	ND	0.0830	"								
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	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.59*		*"*	*1.66*		*95.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.57*		*"*	*1.66*		*94.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.735*		*"*	*0.831*		*88.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.784*		*"*	*0.831*		*94.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.38*		*"*	*1.66*		*143*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.902*		*"*	*0.831*		*109*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH20679 - EPA 3546 SVOA

LCS (BH20679-BS1) Prepared & Analyzed: 08/11/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.682	0.0416	mg/kg wet	0.831		82.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.717	0.0830	"	1.66		43.1	21-131				
1,2,4-Trichlorobenzene	0.738	0.0416	"	1.66		44.4	10-140				
1,2-Dichlorobenzene	0.642	0.0416	"	1.66		38.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.533	0.0416	"	1.66		32.1	17-137				
1,3-Dichlorobenzene	0.629	0.0416	"	1.66		37.9	33-110				
1,4-Dichlorobenzene	0.628	0.0416	"	1.66		37.8	32-104				
2,3,4,6-Tetrachlorophenol	0.682	0.0830	"	1.66		41.0	30-130				
2,4,5-Trichlorophenol	0.781	0.0416	"	1.66		47.0	27-118				
2,4,6-Trichlorophenol	0.793	0.0416	"	1.66		47.7	31-120				
2,4-Dichlorophenol	0.796	0.0416	"	1.66		47.9	20-127				
2,4-Dimethylphenol	0.764	0.0416	"	1.66		46.0	14-132				
2,4-Dinitrophenol	1.14	0.0830	"	1.66		68.6	10-171				
2,4-Dinitrotoluene	0.767	0.0416	"	1.66		46.2	34-131				
2,6-Dinitrotoluene	0.802	0.0416	"	1.66		48.3	31-128				
2-Chloronaphthalene	0.668	0.0416	"	1.66		40.2	31-117				
2-Chlorophenol	0.674	0.0416	"	1.66		40.6	33-113				
2-Methylnaphthalene	0.710	0.0416	"	1.66		42.8	12-138				
2-Methylphenol	0.654	0.0416	"	1.66		39.4	10-136				
2-Nitroaniline	0.741	0.0830	"	1.66		44.6	27-132				
2-Nitrophenol	0.931	0.0416	"	1.66		56.0	17-129				
3- & 4-Methylphenols	0.583	0.0416	"	1.66		35.1	29-103				
3,3-Dichlorobenzidine	0.509	0.0416	"	1.66		30.6	22-149				
3-Nitroaniline	0.567	0.0830	"	1.66		34.2	20-133				
4,6-Dinitro-2-methylphenol	1.00	0.0830	"	1.66		60.5	10-143				
4-Bromophenyl phenyl ether	0.669	0.0416	"	1.66		40.3	29-120				
4-Chloro-3-methylphenol	0.737	0.0416	"	1.66		44.4	24-129				
4-Chloroaniline	0.506	0.0416	"	1.66		30.4	10-132				
4-Chlorophenyl phenyl ether	0.652	0.0416	"	1.66		39.3	27-124				
4-Nitroaniline	0.656	0.0830	"	1.66		39.5	16-128				
4-Nitrophenol	0.586	0.0830	"	1.66		35.3	10-141				
Acenaphthene	0.684	0.0416	"	1.66		41.2	30-121				
Acenaphthylene	0.604	0.0416	"	1.66		36.4	30-115				
Acetophenone	0.613	0.0416	"	0.831		73.8	20-112				
Aniline	0.614	0.166	"	1.66		37.0	10-119				
Anthracene	0.734	0.0416	"	1.66		44.2	34-118				
Atrazine	0.745	0.0416	"	0.831		89.7	26-112				
Benzaldehyde	0.606	0.0416	"	0.831		73.0	21-100				
Benzo(a)anthracene	0.671	0.0416	"	1.66		40.4	32-122				
Benzo(a)pyrene	0.640	0.0416	"	1.66		38.5	29-133				
Benzo(b)fluoranthene	0.670	0.0416	"	1.66		40.3	25-133				
Benzo(g,h,i)perylene	0.705	0.0416	"	1.66		42.4	10-143				
Benzo(k)fluoranthene	0.671	0.0416	"	1.66		40.4	25-128				
Benzoic acid	1.12	0.0416	"	0.831		135	10-140				
Benzyl alcohol	0.684	0.0416	"	1.66		41.2	30-115				
Benzyl butyl phthalate	0.639	0.0416	"	1.66		38.4	26-126				
Bis(2-chloroethoxy)methane	0.717	0.0416	"	1.66		43.1	19-132				
Bis(2-chloroethyl)ether	0.609	0.0416	"	1.66		36.7	19-125				
Bis(2-chloroisopropyl)ether	0.815	0.0416	"	1.66		49.0	20-135				
Bis(2-ethylhexyl)phthalate	0.684	0.0416	"	1.66		41.2	10-155				
Caprolactam	1.01	0.0830	"	0.831		122	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 Limit	Flag
Batch BH20679 - EPA 3546 SVOA											
LCS (BH20679-BS1)							Prepared & Analyzed: 08/11/2022				
Carbazole	0.717	0.0416	mg/kg wet	1.66		43.2	35-123				
Chrysene	0.646	0.0416	"	1.66		38.9	32-123				
Dibenzo(a,h)anthracene	0.747	0.0416	"	1.66		45.0	10-136				
Dibenzofuran	0.666	0.0416	"	1.66		40.1	29-121				
Diethyl phthalate	0.608	0.0416	"	1.66		36.6	34-116				
Dimethyl phthalate	0.656	0.0416	"	1.66		39.5	35-124				
Di-n-butyl phthalate	0.649	0.0416	"	1.66		39.1	31-116				
Di-n-octyl phthalate	0.735	0.0416	"	1.66		44.3	26-136				
Fluoranthene	0.672	0.0416	"	1.66		40.5	33-122				
Fluorene	0.671	0.0416	"	1.66		40.4	29-123				
Hexachlorobenzene	0.498	0.0416	"	1.66		30.0	21-124				
Hexachlorobutadiene	0.697	0.0416	"	1.66		41.9	10-149				
Hexachlorocyclopentadiene	0.464	0.0416	"	1.66		28.0	10-129				
Hexachloroethane	0.545	0.0416	"	1.66		32.8	28-108				
Indeno(1,2,3-cd)pyrene	0.608	0.0416	"	1.66		36.6	10-135				
Isophorone	0.711	0.0416	"	1.66		42.8	20-132				
Naphthalene	0.691	0.0416	"	1.66		41.6	23-124				
Nitrobenzene	0.653	0.0416	"	1.66		39.3	13-132				
N-Nitrosodimethylamine	0.340	0.0416	"	1.66		20.5	11-129				
N-nitroso-di-n-propylamine	0.596	0.0416	"	1.66		35.9	24-119				
N-Nitrosodiphenylamine	0.784	0.0416	"	1.66		47.2	22-152				
Pentachlorophenol	0.788	0.0416	"	1.66		47.4	10-139				
Phenanthrene	0.667	0.0416	"	1.66		40.1	33-123				
Phenol	0.683	0.0416	"	1.66		41.1	23-115				
Pyrene	0.644	0.0416	"	1.66		38.8	24-130				
Pyridine	0.350	0.166	"	1.66		21.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.40*		*"*	*1.66*		*84.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.38*		*"*	*1.66*		*83.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.712*		*"*	*0.831*		*85.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.734*		*"*	*0.831*		*88.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.13*		*"*	*1.66*		*128*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.738*		*"*	*0.831*		*88.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH20679 - EPA 3546 SVOA

Matrix Spike (BH20679-MS1) *Source sample: 22H0308-15 (SB014 (4'-6')) Prepared: 08/11/2022 Analyzed: 08/15/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.467	0.0955	mg/kg dry	0.955	ND	48.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.525	0.191	"	0.955	ND	55.0	10-133				
1,2,4-Trichlorobenzene	0.422	0.0955	"	0.955	ND	44.2	10-127				
1,2-Dichlorobenzene	0.445	0.0955	"	0.955	ND	46.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.468	0.0955	"	0.955	ND	49.0	10-144				
1,3-Dichlorobenzene	0.424	0.0955	"	0.955	ND	44.4	11-111				
1,4-Dichlorobenzene	0.454	0.0955	"	0.955	ND	47.6	10-106				
2,3,4,6-Tetrachlorophenol	0.650	0.191	"	0.955	ND	68.1	30-130				
2,4,5-Trichlorophenol	0.396	0.0955	"	0.955	ND	41.4	10-127				
2,4,6-Trichlorophenol	0.457	0.0955	"	0.955	ND	47.8	10-132				
2,4-Dichlorophenol	0.428	0.0955	"	0.955	ND	44.9	10-128				
2,4-Dimethylphenol	0.345	0.0955	"	0.955	ND	36.2	10-137				
2,4-Dinitrophenol	ND	0.191	"	0.955	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.445	0.0955	"	0.955	ND	46.6	16-135				
2,6-Dinitrotoluene	0.593	0.0955	"	0.955	ND	62.1	18-131				
2-Chloronaphthalene	0.432	0.0955	"	0.955	ND	45.3	10-129				
2-Chlorophenol	0.423	0.0955	"	0.955	ND	44.3	15-116				
2-Methylnaphthalene	0.420	0.0955	"	0.955	ND	44.0	10-147				
2-Methylphenol	0.431	0.0955	"	0.955	ND	45.1	10-136				
2-Nitroaniline	0.488	0.191	"	0.955	ND	51.1	10-137				
2-Nitrophenol	0.470	0.0955	"	0.955	ND	49.2	10-129				
3- & 4-Methylphenols	0.370	0.0955	"	0.955	ND	38.7	10-123				
3,3-Dichlorobenzidine	0.654	0.0955	"	0.955	ND	68.6	10-155				
3-Nitroaniline	0.508	0.191	"	0.955	ND	53.2	12-133				
4,6-Dinitro-2-methylphenol	0.212	0.191	"	0.955	ND	22.2	10-155				
4-Bromophenyl phenyl ether	0.476	0.0955	"	0.955	ND	49.8	14-128				
4-Chloro-3-methylphenol	0.484	0.0955	"	0.955	ND	50.7	10-134				
4-Chloroaniline	0.405	0.0955	"	0.955	ND	42.5	10-145				
4-Chlorophenyl phenyl ether	0.464	0.0955	"	0.955	ND	48.6	14-130				
4-Nitroaniline	0.448	0.191	"	0.955	ND	47.0	10-147				
4-Nitrophenol	0.251	0.191	"	0.955	ND	26.3	10-137				
Acenaphthene	0.451	0.0955	"	0.955	ND	47.2	10-146				
Acenaphthylene	0.411	0.0955	"	0.955	ND	43.0	10-134				
Acetophenone	0.450	0.0955	"	0.955	ND	47.1	10-116				
Aniline	0.328	0.383	"	0.955	ND	34.4	10-123				
Anthracene	0.496	0.0955	"	0.955	ND	52.0	10-142				
Atrazine	0.558	0.0955	"	0.955	ND	58.5	19-115				
Benzaldehyde	0.438	0.0955	"	0.955	ND	45.8	10-125				
Benzo(a)anthracene	0.499	0.0955	"	0.955	ND	52.3	10-158				
Benzo(a)pyrene	0.474	0.0955	"	0.955	ND	49.7	10-180				
Benzo(b)fluoranthene	0.457	0.0955	"	0.955	ND	47.9	10-200				
Benzo(g,h,i)perylene	0.519	0.0955	"	0.955	ND	54.4	10-138				
Benzo(k)fluoranthene	0.503	0.0955	"	0.955	ND	52.7	10-197				
Benzoic acid	1.01	0.0955	"	0.955	ND	106	10-166				
Benzyl alcohol	0.348	0.0955	"	0.955	ND	36.5	12-124				
Benzyl butyl phthalate	0.484	0.0955	"	0.955	ND	50.7	10-154				
Bis(2-chloroethoxy)methane	0.424	0.0955	"	0.955	ND	44.4	10-132				
Bis(2-chloroethyl)ether	0.412	0.0955	"	0.955	ND	43.2	10-119				
Bis(2-chloroisopropyl)ether	0.244	0.0955	"	0.955	ND	25.6	10-139				
Bis(2-ethylhexyl)phthalate	0.562	0.0955	"	0.955	ND	58.9	10-167				
Caprolactam	0.335	0.191	"	0.955	ND	35.1	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 BH20679 - EPA 3546 SVOA											
Matrix Spike (BH20679-MS1)	*Source sample: 22H0308-15 (SB014 (4'-6'))							Prepared: 08/11/2022 Analyzed: 08/15/2022			
Carbazole	0.480	0.0955	mg/kg dry	0.955	ND	50.2	10-167				
Chrysene	0.494	0.0955	"	0.955	ND	51.8	10-156				
Dibenzo(a,h)anthracene	0.594	0.0955	"	0.955	ND	62.2	10-137				
Dibenzofuran	0.473	0.0955	"	0.955	ND	49.5	10-147				
Diethyl phthalate	0.467	0.0955	"	0.955	ND	49.0	20-120				
Dimethyl phthalate	0.463	0.0955	"	0.955	ND	48.5	18-131				
Di-n-butyl phthalate	0.483	0.0955	"	0.955	ND	50.6	10-137				
Di-n-octyl phthalate	0.674	0.0955	"	0.955	ND	70.6	10-180				
Fluoranthene	0.469	0.0955	"	0.955	ND	49.1	10-160				
Fluorene	0.451	0.0955	"	0.955	ND	47.2	10-157				
Hexachlorobenzene	0.428	0.0955	"	0.955	ND	44.9	10-137				
Hexachlorobutadiene	0.558	0.0955	"	0.955	ND	58.5	10-132				
Hexachlorocyclopentadiene	0.124	0.0955	"	0.955	ND	13.0	10-106				
Hexachloroethane	0.447	0.0955	"	0.955	ND	46.8	10-110				
Indeno(1,2,3-cd)pyrene	0.732	0.0955	"	0.955	ND	76.6	10-144				
Isophorone	0.397	0.0955	"	0.955	ND	41.6	10-132				
Naphthalene	0.432	0.0955	"	0.955	ND	45.3	10-141				
Nitrobenzene	0.490	0.0955	"	0.955	ND	51.4	10-131				
N-Nitrosodimethylamine	0.358	0.0955	"	0.955	ND	37.5	10-126				
N-nitroso-di-n-propylamine	0.383	0.0955	"	0.955	ND	40.1	10-125				
N-Nitrosodiphenylamine	0.509	0.0955	"	0.955	ND	53.3	10-177				
Pentachlorophenol	0.0901	0.0955	"	0.955	ND	9.44	10-153	Low Bias			
Phenanthrene	0.464	0.0955	"	0.955	ND	48.6	10-148				
Phenol	0.438	0.0955	"	0.955	ND	45.9	10-126				
Pyrene	0.446	0.0955	"	0.955	ND	46.7	10-165				
Pyridine	0.298	0.383	"	0.955	ND	31.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.726*		*"*	*1.91*		*38.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.753*		*"*	*1.91*		*39.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.515*		*"*	*0.955*		*54.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.497*		*"*	*0.955*		*52.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.951*		*"*	*1.91*		*49.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.509*		*"*	*0.955*		*53.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH20679 - EPA 3546 SVOA

Matrix Spike Dup (BH20679-MSD1) *Source sample: 22H0308-15 (SB014 (4'-6')) Prepared: 08/11/2022 Analyzed: 08/15/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.461	0.0955	mg/kg dry	0.955	ND	48.3	10-130		1.15	30	
1,2,4,5-Tetrachlorobenzene	0.558	0.191	"	0.955	ND	58.5	10-133		6.21	30	
1,2,4-Trichlorobenzene	0.427	0.0955	"	0.955	ND	44.7	10-127		1.26	30	
1,2-Dichlorobenzene	0.435	0.0955	"	0.955	ND	45.5	14-111		2.43	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.503	0.0955	"	0.955	ND	52.7	10-144		7.23	30	
1,3-Dichlorobenzene	0.427	0.0955	"	0.955	ND	44.7	11-111		0.718	30	
1,4-Dichlorobenzene	0.502	0.0955	"	0.955	ND	52.6	10-106		9.90	30	
2,3,4,6-Tetrachlorophenol	0.509	0.191	"	0.955	ND	53.4	30-130		24.2	30	
2,4,5-Trichlorophenol	0.521	0.0955	"	0.955	ND	54.6	10-127		27.3	30	
2,4,6-Trichlorophenol	0.482	0.0955	"	0.955	ND	50.5	10-132		5.37	30	
2,4-Dichlorophenol	0.309	0.0955	"	0.955	ND	32.3	10-128		32.5	30	Non-dir.
2,4-Dimethylphenol	0.441	0.0955	"	0.955	ND	46.2	10-137		24.5	30	
2,4-Dinitrophenol	ND	0.191	"	0.955	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.525	0.0955	"	0.955	ND	55.0	16-135		16.5	30	
2,6-Dinitrotoluene	0.480	0.0955	"	0.955	ND	50.3	18-131		20.9	30	
2-Chloronaphthalene	0.425	0.0955	"	0.955	ND	44.5	10-129		1.78	30	
2-Chlorophenol	0.382	0.0955	"	0.955	ND	40.0	15-116		10.2	30	
2-Methylnaphthalene	0.434	0.0955	"	0.955	ND	45.4	10-147		3.22	30	
2-Methylphenol	0.402	0.0955	"	0.955	ND	42.1	10-136		6.97	30	
2-Nitroaniline	0.471	0.191	"	0.955	ND	49.4	10-137		3.50	30	
2-Nitrophenol	0.462	0.0955	"	0.955	ND	48.4	10-129		1.64	30	
3- & 4-Methylphenols	0.421	0.0955	"	0.955	ND	44.1	10-123		12.9	30	
3,3-Dichlorobenzidine	0.672	0.0955	"	0.955	ND	70.4	10-155		2.65	30	
3-Nitroaniline	0.490	0.191	"	0.955	ND	51.4	12-133		3.52	30	
4,6-Dinitro-2-methylphenol	0.137	0.191	"	0.955	ND	14.3	10-155		43.0	30	Non-dir.
4-Bromophenyl phenyl ether	0.475	0.0955	"	0.955	ND	49.8	14-128		0.161	30	
4-Chloro-3-methylphenol	0.456	0.0955	"	0.955	ND	47.8	10-134		6.01	30	
4-Chloroaniline	0.420	0.0955	"	0.955	ND	44.0	10-145		3.52	30	
4-Chlorophenyl phenyl ether	0.444	0.0955	"	0.955	ND	46.5	14-130		4.54	30	
4-Nitroaniline	0.306	0.191	"	0.955	ND	32.1	10-147		37.7	30	Non-dir.
4-Nitrophenol	0.287	0.191	"	0.955	ND	30.1	10-137		13.3	30	
Acenaphthene	0.449	0.0955	"	0.955	ND	47.0	10-146		0.340	30	
Acenaphthylene	0.433	0.0955	"	0.955	ND	45.4	10-134		5.25	30	
Acetophenone	0.426	0.0955	"	0.955	ND	44.6	10-116		5.41	30	
Aniline	0.366	0.383	"	0.955	ND	38.3	10-123		10.8	30	
Anthracene	0.486	0.0955	"	0.955	ND	50.9	10-142		2.18	30	
Atrazine	0.564	0.0955	"	0.955	ND	59.1	19-115		1.09	30	
Benzaldehyde	0.412	0.0955	"	0.955	ND	43.2	10-125		5.93	30	
Benzo(a)anthracene	0.513	0.0955	"	0.955	ND	53.8	10-158		2.71	30	
Benzo(a)pyrene	0.477	0.0955	"	0.955	ND	49.9	10-180		0.482	30	
Benzo(b)fluoranthene	0.477	0.0955	"	0.955	ND	50.0	10-200		4.25	30	
Benzo(g,h,i)perylene	0.544	0.0955	"	0.955	ND	57.0	10-138		4.74	30	
Benzo(k)fluoranthene	0.452	0.0955	"	0.955	ND	47.4	10-197		10.7	30	
Benzoic acid	1.01	0.0955	"	0.955	ND	106	10-166		0.303	30	
Benzyl alcohol	0.350	0.0955	"	0.955	ND	36.6	12-124		0.438	30	
Benzyl butyl phthalate	0.496	0.0955	"	0.955	ND	51.9	10-154		2.34	30	
Bis(2-chloroethoxy)methane	0.417	0.0955	"	0.955	ND	43.7	10-132		1.63	30	
Bis(2-chloroethyl)ether	0.381	0.0955	"	0.955	ND	39.9	10-119		7.89	30	
Bis(2-chloroisopropyl)ether	0.241	0.0955	"	0.955	ND	25.3	10-139		1.26	30	
Bis(2-ethylhexyl)phthalate	0.573	0.0955	"	0.955	ND	60.1	10-167		2.02	30	
Caprolactam	0.334	0.191	"	0.955	ND	35.0	10-132		0.228	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20679 - EPA 3546 SVOA											
Matrix Spike Dup (BH20679-MSD1)	*Source sample: 22H0308-15 (SB014 (4'-6'))								Prepared: 08/11/2022 Analyzed: 08/15/2022		
Carbazole	0.471	0.0955	mg/kg dry	0.955	ND	49.4	10-167		1.77	30	
Chrysene	0.489	0.0955	"	0.955	ND	51.2	10-156		1.09	30	
Dibenzo(a,h)anthracene	0.587	0.0955	"	0.955	ND	61.5	10-137		1.16	30	
Dibenzofuran	0.426	0.0955	"	0.955	ND	44.6	10-147		10.4	30	
Diethyl phthalate	0.470	0.0955	"	0.955	ND	49.2	20-120		0.489	30	
Dimethyl phthalate	0.470	0.0955	"	0.955	ND	49.3	18-131		1.64	30	
Di-n-butyl phthalate	0.467	0.0955	"	0.955	ND	49.0	10-137		3.37	30	
Di-n-octyl phthalate	0.629	0.0955	"	0.955	ND	65.9	10-180		6.80	30	
Fluoranthene	0.470	0.0955	"	0.955	ND	49.3	10-160		0.325	30	
Fluorene	0.441	0.0955	"	0.955	ND	46.2	10-157		2.23	30	
Hexachlorobenzene	0.480	0.0955	"	0.955	ND	50.3	10-137		11.4	30	
Hexachlorobutadiene	0.488	0.0955	"	0.955	ND	51.1	10-132		13.4	30	
Hexachlorocyclopentadiene	0.147	0.0955	"	0.955	ND	15.4	10-106		16.9	30	
Hexachloroethane	0.473	0.0955	"	0.955	ND	49.5	10-110		5.65	30	
Indeno(1,2,3-cd)pyrene	0.728	0.0955	"	0.955	ND	76.2	10-144		0.523	30	
Isophorone	0.407	0.0955	"	0.955	ND	42.6	10-132		2.47	30	
Naphthalene	0.452	0.0955	"	0.955	ND	47.4	10-141		4.49	30	
Nitrobenzene	0.516	0.0955	"	0.955	ND	54.1	10-131		5.16	30	
N-Nitrosodimethylamine	0.363	0.0955	"	0.955	ND	38.0	10-126		1.27	30	
N-nitroso-di-n-propylamine	0.456	0.0955	"	0.955	ND	47.8	10-125		17.5	30	
N-Nitrosodiphenylamine	0.541	0.0955	"	0.955	ND	56.6	10-177		6.11	30	
Pentachlorophenol	0.107	0.0955	"	0.955	ND	11.2	10-153		17.1	30	
Phenanthrene	0.450	0.0955	"	0.955	ND	47.1	10-148		3.17	30	
Phenol	0.447	0.0955	"	0.955	ND	46.9	10-126		2.07	30	
Pyrene	0.448	0.0955	"	0.955	ND	47.0	10-165		0.512	30	
Pyridine	0.304	0.383	"	0.955	ND	31.8	10-83		2.03	30	
Surrogate: SURR: 2-Fluorophenol	*0.845*		"	*1.91*		*44.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.833*		"	*1.91*		*43.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.512*		"	*0.955*		*53.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.489*		"	*0.955*		*51.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.939*		"	*1.91*		*49.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.502*		"	*0.955*		*52.6*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20499 - EPA SW846-3510C Low Level											
Blank (BH20499-BLK1)									Prepared: 08/08/2022 Analyzed: 08/10/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.200*		*70.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.200*		*65.9*	*30-150*				
LCS (BH20499-BS1)									Prepared: 08/08/2022 Analyzed: 08/10/2022		
4,4'-DDD	0.0808	0.00400	ug/L	0.100		80.8	40-140			20	
4,4'-DDE	0.0836	0.00400	"	0.100		83.6	40-140			20	
4,4'-DDT	0.0975	0.00400	"	0.100		97.5	40-140			20	
Aldrin	0.0675	0.00400	"	0.100		67.5	40-140			20	
alpha-BHC	0.0698	0.00400	"	0.100		69.8	40-140			20	
alpha-Chlordane	0.0762	0.00400	"	0.100		76.2	40-140			20	
beta-BHC	0.0914	0.00400	"	0.100		91.4	40-140			20	
delta-BHC	0.0666	0.00400	"	0.100		66.6	40-140			20	
Dieldrin	0.0817	0.00200	"	0.100		81.7	40-140			20	
Endosulfan I	0.0774	0.00400	"	0.100		77.4	40-140			20	
Endosulfan II	0.0801	0.00400	"	0.100		80.1	40-140			20	
Endosulfan sulfate	0.0779	0.00400	"	0.100		77.9	40-140			20	
Endrin	0.0879	0.00400	"	0.100		87.9	40-140			20	
Endrin aldehyde	0.0794	0.0100	"	0.100		79.4	40-140			20	
Endrin ketone	0.0822	0.0100	"	0.100		82.2	40-140			20	
gamma-BHC (Lindane)	0.0786	0.00400	"	0.100		78.6	40-140			20	
gamma-Chlordane	0.0784	0.0100	"	0.100		78.4	40-140			20	
Heptachlor	0.0797	0.00400	"	0.100		79.7	40-140			20	
Heptachlor epoxide	0.0849	0.00400	"	0.100		84.9	40-140			20	
Methoxychlor	0.105	0.00400	"	0.100		105	40-140			20	
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.200*		*70.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20499 - EPA SW846-3510C Low Level											
LCS Dup (BH20499-BSD1)					Prepared: 08/08/2022 Analyzed: 08/10/2022						
4,4'-DDD	0.0749	0.00400	ug/L	0.100		74.9	40-140		7.60	20	
4,4'-DDE	0.0800	0.00400	"	0.100		80.0	40-140		4.42	20	
4,4'-DDT	0.0930	0.00400	"	0.100		93.0	40-140		4.71	20	
Aldrin	0.0642	0.00400	"	0.100		64.2	40-140		4.90	20	
alpha-BHC	0.0678	0.00400	"	0.100		67.8	40-140		2.91	20	
alpha-Chlordane	0.0750	0.00400	"	0.100		75.0	40-140		1.58	20	
beta-BHC	0.0878	0.00400	"	0.100		87.8	40-140		4.03	20	
delta-BHC	0.0606	0.00400	"	0.100		60.6	40-140		9.46	20	
Dieldrin	0.0781	0.00200	"	0.100		78.1	40-140		4.50	20	
Endosulfan I	0.0745	0.00400	"	0.100		74.5	40-140		3.79	20	
Endosulfan II	0.0784	0.00400	"	0.100		78.4	40-140		2.23	20	
Endosulfan sulfate	0.0731	0.00400	"	0.100		73.1	40-140		6.46	20	
Endrin	0.0779	0.00400	"	0.100		77.9	40-140		12.0	20	
Endrin aldehyde	0.0775	0.0100	"	0.100		77.5	40-140		2.38	20	
Endrin ketone	0.0777	0.0100	"	0.100		77.7	40-140		5.69	20	
gamma-BHC (Lindane)	0.0749	0.00400	"	0.100		74.9	40-140		4.78	20	
gamma-Chlordane	0.0767	0.0100	"	0.100		76.7	40-140		2.14	20	
Heptachlor	0.0743	0.00400	"	0.100		74.3	40-140		7.07	20	
Heptachlor epoxide	0.0816	0.00400	"	0.100		81.6	40-140		3.99	20	
Methoxychlor	0.106	0.00400	"	0.100		106	40-140		0.640	20	
Surrogate: Decachlorobiphenyl	*0.127*		*"*	*0.200*		*63.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.200*		*73.7*	*30-150*				
Batch BH20537 - EPA 3550C											
Blank (BH20537-BLK1)					Prepared: 08/09/2022 Analyzed: 08/10/2022						
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0364*		*"*	*0.0664*		*54.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0364*		*"*	*0.0664*		*54.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20537 - EPA 3550C											
LCS (BH20537-BS1)											Prepared: 08/09/2022 Analyzed: 08/10/2022
4,4'-DDD	0.0248	0.00164	mg/kg wet	0.0332		74.7	40-140				
4,4'-DDE	0.0246	0.00164	"	0.0332		74.1	40-140				
4,4'-DDT	0.0158	0.00164	"	0.0332		47.6	40-140				
Aldrin	0.0237	0.00164	"	0.0332		71.5	40-140				
alpha-BHC	0.0254	0.00164	"	0.0332		76.6	40-140				
alpha-Chlordane	0.0247	0.00164	"	0.0332		74.5	40-140				
beta-BHC	0.0285	0.00164	"	0.0332		85.8	40-140				
delta-BHC	0.0241	0.00164	"	0.0332		72.6	40-140				
Dieldrin	0.0276	0.00164	"	0.0332		83.0	40-140				
Endosulfan I	0.0279	0.00164	"	0.0332		84.0	40-140				
Endosulfan II	0.0263	0.00164	"	0.0332		79.3	40-140				
Endosulfan sulfate	0.0229	0.00164	"	0.0332		69.0	40-140				
Endrin	0.0224	0.00164	"	0.0332		67.4	40-140				
Endrin aldehyde	0.0255	0.00164	"	0.0332		76.7	40-140				
Endrin ketone	0.0246	0.00164	"	0.0332		74.1	40-140				
gamma-BHC (Lindane)	0.0253	0.00164	"	0.0332		76.2	40-140				
gamma-Chlordane	0.0267	0.00164	"	0.0332		80.3	40-140				
Heptachlor	0.0250	0.00164	"	0.0332		75.3	40-140				
Heptachlor epoxide	0.0279	0.00164	"	0.0332		84.1	40-140				
Methoxychlor	0.0152	0.00164	"	0.0332		45.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0569*		*"*	*0.0664*		*85.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0610*		*"*	*0.0664*		*91.8*	*30-150*				
Batch BH20590 - EPA 3550C											
Blank (BH20590-BLK1)											Prepared & Analyzed: 08/10/2022
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0584*		*"*	*0.0664*		*87.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0620*		*"*	*0.0664*		*93.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20590 - EPA 3550C											
LCS (BH20590-BS1)											Prepared & Analyzed: 08/10/2022
4,4'-DDD	0.0236	0.00164	mg/kg wet	0.0332		71.2	40-140				
4,4'-DDE	0.0224	0.00164	"	0.0332		67.5	40-140				
4,4'-DDT	0.0155	0.00164	"	0.0332		46.8	40-140				
Aldrin	0.0238	0.00164	"	0.0332		71.6	40-140				
alpha-BHC	0.0253	0.00164	"	0.0332		76.0	40-140				
alpha-Chlordane	0.0260	0.00164	"	0.0332		78.4	40-140				
beta-BHC	0.0271	0.00164	"	0.0332		81.5	40-140				
delta-BHC	0.0242	0.00164	"	0.0332		72.7	40-140				
Dieldrin	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan I	0.0279	0.00164	"	0.0332		84.1	40-140				
Endosulfan II	0.0255	0.00164	"	0.0332		76.8	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.6	40-140				
Endrin	0.0219	0.00164	"	0.0332		65.8	40-140				
Endrin aldehyde	0.0246	0.00164	"	0.0332		74.1	40-140				
Endrin ketone	0.0240	0.00164	"	0.0332		72.2	40-140				
gamma-BHC (Lindane)	0.0250	0.00164	"	0.0332		75.2	40-140				
gamma-Chlordane	0.0258	0.00164	"	0.0332		77.6	40-140				
Heptachlor	0.0246	0.00164	"	0.0332		73.9	40-140				
Heptachlor epoxide	0.0270	0.00164	"	0.0332		81.3	40-140				
Methoxychlor	0.0149	0.00164	"	0.0332		44.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0545*		*"*	*0.0664*		*82.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0576*		*"*	*0.0664*		*86.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20499 - EPA SW846-3510C Low Level											
Blank (BH20499-BLK2)									Prepared: 08/08/2022 Analyzed: 08/09/2022		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.139*		"	*0.200*		*69.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.177*		"	*0.200*		*88.5*	*30-150*				
LCS (BH20499-BS2)									Prepared: 08/08/2022 Analyzed: 08/09/2022		
Aroclor 1016	0.909	0.0500	ug/L	1.00		90.9	40-120			20	
Aroclor 1260	1.05	0.0500	"	1.00		105	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.161*		"	*0.200*		*80.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.192*		"	*0.200*		*96.0*	*30-150*				
LCS Dup (BH20499-BSD2)									Prepared: 08/08/2022 Analyzed: 08/09/2022		
Aroclor 1016	0.926	0.0500	ug/L	1.00		92.6	40-120		1.92	20	
Aroclor 1260	0.997	0.0500	"	1.00		99.7	40-120		5.39	20	
Surrogate: Tetrachloro-m-xylene	*0.166*		"	*0.200*		*83.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.192*		"	*0.200*		*96.0*	*30-150*				
Batch BH20537 - EPA 3550C											
Blank (BH20537-BLK2)									Prepared: 08/09/2022 Analyzed: 08/10/2022		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0412*		"	*0.0664*		*62.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0485*		"	*0.0664*		*73.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20537 - EPA 3550C											
LCS (BH20537-BS2)								Prepared: 08/09/2022 Analyzed: 08/10/2022			
Aroclor 1016	0.273	0.0166	mg/kg wet	0.332		82.2	40-130				
Aroclor 1260	0.309	0.0166	"	0.332		92.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0621*		"	*0.0664*		*93.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0761*		"	*0.0664*		*114*	*30-120*				
Matrix Spike (BH20537-MS2)	*Source sample: 22H0322-05 (Matrix Spike)							Prepared: 08/09/2022 Analyzed: 08/13/2022			
Aroclor 1016	0.300	0.0196	mg/kg dry	0.392	ND	76.5	40-140				
Aroclor 1260	0.309	0.0196	"	0.392	ND	78.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0683*		"	*0.0785*		*87.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0734*		"	*0.0785*		*93.5*	*30-120*				
Matrix Spike Dup (BH20537-MSD2)	*Source sample: 22H0322-05 (Matrix Spike Dup)							Prepared: 08/09/2022 Analyzed: 08/13/2022			
Aroclor 1016	0.249	0.0196	mg/kg dry	0.392	ND	63.6	40-140		18.4	50	
Aroclor 1260	0.274	0.0196	"	0.392	ND	69.7	40-140		12.1	50	
Surrogate: Tetrachloro-m-xylene	*0.0553*		"	*0.0785*		*70.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0585*		"	*0.0785*		*74.5*	*30-120*				
Batch BH20590 - EPA 3550C											
Blank (BH20590-BLK2)								Prepared & Analyzed: 08/10/2022			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0661*		"	*0.0664*		*99.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0754*		"	*0.0664*		*114*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20590 - EPA 3550C											
LCS (BH20590-BS2)									Prepared: 08/10/2022 Analyzed: 08/11/2022		
Aroclor 1016	0.228	0.0166	mg/kg wet	0.332		68.7	40-130				
Aroclor 1260	0.255	0.0166	"	0.332		76.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0502*		"	*0.0664*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0548*		"	*0.0664*		*82.5*	*30-120*				
Matrix Spike (BH20590-MS2)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/10/2022 Analyzed: 08/13/2022		
Aroclor 1016	0.270	0.0196	mg/kg dry	0.392	ND	68.9	40-140				
Aroclor 1260	0.287	0.0196	"	0.392	ND	73.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0624*		"	*0.0784*		*79.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0682*		"	*0.0784*		*87.0*	*30-120*				
Matrix Spike Dup (BH20590-MSD2)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/10/2022 Analyzed: 08/13/2022		
Aroclor 1016	0.271	0.0196	mg/kg dry	0.392	ND	69.1	40-140		0.174	50	
Aroclor 1260	0.299	0.0196	"	0.392	ND	76.3	40-140		4.15	50	
Surrogate: Tetrachloro-m-xylene	*0.0628*		"	*0.0784*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0730*		"	*0.0784*		*93.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20386 - EPA 3050B											
Blank (BH20386-BLK1)											
Prepared: 08/05/2022 Analyzed: 08/09/2022											
Aluminum	ND	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	ND	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	ND	6.00	"								
Selenium	ND	3.00	"								
Silver	ND	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								
Duplicate (BH20386-DUP1)	*Source sample: 22H0322-11 (Duplicate)										
Prepared: 08/05/2022 Analyzed: 08/10/2022											
Aluminum	7240	5.80	mg/kg dry		7610				4.92	35	
Antimony	ND	2.90	"		ND					35	
Arsenic	4.15	1.74	"		4.66				11.6	35	
Barium	102	2.90	"		140				30.9	35	
Beryllium	ND	0.058	"		ND					35	
Cadmium	0.669	0.348	"		ND					35	
Calcium	11800	5.80	"		15800				29.3	35	
Chromium	28.6	0.580	"		21.3				29.0	35	
Cobalt	6.38	0.464	"		6.57				2.84	35	
Copper	105	2.32	"		110				4.68	35	
Iron	15000	29.0	"		12900				15.2	35	
Lead	249	0.580	"		280				11.6	35	
Magnesium	2600	5.80	"		2570				1.11	35	
Manganese	189	0.580	"		167				12.7	35	
Nickel	37.7	1.16	"		44.8				17.2	35	
Potassium	1000	5.80	"		1070				6.62	35	
Selenium	ND	2.90	"		ND					35	
Silver	ND	0.580	"		ND					35	
Sodium	630	58.0	"		631				0.0841	35	
Thallium	ND	2.90	"		ND					35	
Vanadium	69.3	1.16	"		43.1				46.7	35	Non-dir.
Zinc	304	2.90	"		311				2.34	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20386 - EPA 3050B											
Matrix Spike (BH20386-MS1)	*Source sample: 22H0322-11 (Matrix Spike)								Prepared: 08/05/2022 Analyzed: 08/10/2022		
Aluminum	8270	5.61	mg/kg dry	187	7610	356	75-125	High Bias			
Antimony	8.52	2.80	"	23.4	ND	36.5	75-125	Low Bias			
Arsenic	199	1.68	"	187	4.66	104	75-125				
Barium	304	2.80	"	187	140	87.7	75-125				
Beryllium	4.51	0.056	"	4.67	ND	96.5	75-125				
Cadmium	5.47	0.337	"	4.67	ND	117	75-125				
Calcium	18500	5.61	"	93.5	15800	NR	75-125	High Bias			
Chromium	38.1	0.561	"	18.7	21.3	89.9	75-125				
Cobalt	56.3	0.449	"	46.7	6.57	106	75-125				
Copper	133	2.24	"	23.4	110	102	75-125				
Iron	13900	28.0	"	93.5	12900	NR	75-125	High Bias			
Lead	305	0.561	"	46.7	280	53.7	75-125	Low Bias			
Magnesium	2880	5.61	"	93.5	2570	336	75-125	High Bias			
Manganese	231	0.561	"	46.7	167	138	75-125	High Bias			
Nickel	75.6	1.12	"	46.7	44.8	65.8	75-125	Low Bias			
Potassium	1130	5.61	"	93.5	1070	64.6	75-125	Low Bias			
Selenium	155	2.80	"	187	ND	82.7	75-125				
Silver	4.13	0.561	"	4.67	ND	88.3	75-125				
Sodium	965	56.1	"	93.5	631	358	75-125	High Bias			
Thallium	181	2.80	"	187	ND	96.9	75-125				
Vanadium	97.1	1.12	"	46.7	43.1	116	75-125				
Zinc	405	2.80	"	46.7	311	201	75-125	High Bias			
Post Spike (BH20386-PS1)	*Source sample: 22H0322-11 (Post Spike)								Prepared: 08/05/2022 Analyzed: 08/09/2022		
Aluminum	80.3		ug/mL	2.00	67.8	624	75-125	High Bias			
Antimony	0.264		"	0.250	0.024	95.9	75-125				
Arsenic	1.86		"	2.00	0.042	91.0	75-125				
Barium	3.33		"	2.00	1.25	104	75-125				
Beryllium	0.043		"	0.0500	-0.003	86.5	75-125				
Cadmium	0.049		"	0.0500	0.003	92.1	75-125				
Calcium	162		"	1.00	141	NR	75-125	High Bias			
Chromium	0.396		"	0.200	0.190	103	75-125				
Cobalt	0.552		"	0.500	0.059	98.7	75-125				
Copper	1.32		"	0.250	0.978	138	75-125	High Bias			
Iron	133		"	1.00	115	NR	75-125	High Bias			
Lead	3.32		"	0.500	2.49	166	75-125	High Bias			
Magnesium	27.2		"	1.00	22.9	434	75-125	High Bias			
Manganese	2.19		"	0.500	1.49	142	75-125	High Bias			
Nickel	0.944		"	0.500	0.400	109	75-125				
Potassium	12.0		"	1.00	9.55	245	75-125	High Bias			
Selenium	1.46		"	2.00	-0.085	72.9	75-125	Low Bias			
Silver	0.038		"	0.0500	-0.002	75.8	75-125				
Sodium	8.06		"	1.00	5.62	244	75-125	High Bias			
Thallium	1.67		"	2.00	-0.026	83.3	75-125				
Vanadium	0.898		"	0.500	0.384	103	75-125				
Zinc	3.50		"	0.500	2.77	145	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20386 - EPA 3050B											
Reference (BH20386-SRM1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	8620	6.00	mg/kg wet	10100		85.4	39.5-118.8				
Antimony	68.4	3.00	"	244		28.0	10-123				
Arsenic	98.1	1.80	"	109		90.0	63.7-118.3				
Barium	367	3.00	"	364		101	70.3-117				
Beryllium	54.5	0.060	"	57.0		95.6	69.3-115.4				
Cadmium	44.0	0.360	"	48.7		90.2	67.8-112.9				
Calcium	4740	6.00	"	5190		91.3	66.3-116.6				
Chromium	167	0.600	"	173		96.7	65.3-120.8				
Cobalt	149	0.480	"	148		100	70.3-117.6				
Copper	181	2.40	"	179		101	70.9-117.9				
Iron	13000	30.0	"	15000		86.5	36.8-162.7				
Lead	101	0.600	"	101		100	69.1-126.7				
Magnesium	2440	6.00	"	2570		94.8	56.4-124.9				
Manganese	370	0.600	"	370		100	72.2-119.2				
Nickel	64.5	1.20	"	52.2		124	63.4-117.8	High Bias			
Potassium	1810	6.00	"	2420		74.8	49.6-118.6				
Selenium	72.0	3.00	"	104		69.3	58.5-122.1				
Silver	26.5	0.600	"	29.9		88.5	63.5-123.7				
Sodium	690	60.0	"	161		429	30.1-139.1	High Bias			
Thallium	84.6	3.00	"	101		83.8	59.8-120.8				
Vanadium	179	1.20	"	194		92.3	73.2-117				
Zinc	404	3.00	"	431		93.6	74.9-121.1				
Batch BH20387 - EPA 3050B											
Blank (BH20387-BLK1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	7.15	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	ND	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	6.17	6.00	"								
Selenium	ND	3.00	"								
Silver	ND	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20387 - EPA 3050B											
Duplicate (BH20387-DUP1)	*Source sample: 22H0308-04 (SB013 (6'-8'))								Prepared: 08/05/2022 Analyzed: 08/09/2022		
Aluminum	5630	5.35	mg/kg dry		5870				4.19	35	
Antimony	ND	2.67	"		ND					35	
Arsenic	2.61	1.60	"		2.82				7.69	35	
Barium	35.7	2.67	"		28.2				23.6	35	
Beryllium	ND	0.053	"		ND					35	
Cadmium	ND	0.321	"		ND					35	
Calcium	730	5.35	"		750				2.70	35	
Chromium	12.2	0.535	"		13.9				13.0	35	
Cobalt	5.62	0.428	"		5.81				3.39	35	
Copper	9.91	2.14	"		10.1				2.12	35	
Iron	9750	26.7	"		12100				21.5	35	
Lead	11.3	0.535	"		11.3				0.00203	35	
Magnesium	1690	5.35	"		2030				18.3	35	
Manganese	218	0.535	"		161				30.1	35	
Nickel	12.9	1.07	"		16.0				21.4	35	
Potassium	505	5.35	"		1010				66.5	35	Non-dir.
Selenium	ND	2.67	"		ND					35	
Silver	ND	0.535	"		ND					35	
Sodium	ND	53.5	"		ND					35	
Thallium	ND	2.67	"		ND					35	
Vanadium	19.0	1.07	"		24.5				25.2	35	
Zinc	45.2	2.67	"		48.2				6.25	35	
Matrix Spike (BH20387-MS1)	*Source sample: 22H0308-04 (SB013 (6'-8'))								Prepared: 08/05/2022 Analyzed: 08/09/2022		
Aluminum	5940	5.35	mg/kg dry	178	5870	37.5	75-125	Low Bias			
Antimony	6.21	2.67	"	22.3	ND	27.9	75-125	Low Bias			
Arsenic	169	1.60	"	178	2.82	93.3	75-125				
Barium	197	2.67	"	178	28.2	94.7	75-125				
Beryllium	4.07	0.053	"	4.46	ND	91.2	75-125				
Cadmium	4.18	0.321	"	4.46	ND	93.7	75-125				
Calcium	1040	5.35	"	89.1	750	322	75-125	High Bias			
Chromium	29.7	0.535	"	17.8	13.9	88.7	75-125				
Cobalt	50.3	0.428	"	44.6	5.81	99.9	75-125				
Copper	33.0	2.14	"	22.3	10.1	103	75-125				
Iron	10500	26.7	"	89.1	12100	NR	75-125	Low Bias			
Lead	60.0	0.535	"	44.6	11.3	109	75-125				
Magnesium	2420	5.35	"	89.1	2030	440	75-125	High Bias			
Manganese	184	0.535	"	44.6	161	52.0	75-125	Low Bias			
Nickel	59.2	1.07	"	44.6	16.0	96.9	75-125				
Potassium	925	5.35	"	89.1	1010	NR	75-125	Low Bias			
Selenium	133	2.67	"	178	ND	74.5	75-125	Low Bias			
Silver	1.77	0.535	"	4.46	ND	39.6	75-125	Low Bias			
Sodium	117	53.5	"	89.1	ND	132	75-125	High Bias			
Thallium	167	2.67	"	178	ND	93.9	75-125				
Vanadium	63.3	1.07	"	44.6	24.5	87.1	75-125				
Zinc	110	2.67	"	44.6	48.2	139	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20387 - EPA 3050B											
Post Spike (BH20387-PS1)	*Source sample: 22H0308-04 (SB013 (6'-8'))							Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	66.7		ug/mL	2.00	55.8	543	75-125	High Bias			
Antimony	0.217		"	0.250	-0.011	86.9	75-125				
Arsenic	1.87		"	2.00	0.027	92.0	75-125				
Barium	2.27		"	2.00	0.268	100	75-125				
Beryllium	0.045		"	0.0500	-0.001	90.9	75-125				
Cadmium	0.047		"	0.0500	-0.000003	93.5	75-125				
Calcium	9.04		"	1.00	7.13	191	75-125	High Bias			
Chromium	0.335		"	0.200	0.132	102	75-125				
Cobalt	0.562		"	0.500	0.055	101	75-125				
Copper	0.357		"	0.250	0.096	104	75-125				
Iron	133		"	1.00	115	NR	75-125	High Bias			
Lead	0.611		"	0.500	0.108	101	75-125				
Magnesium	22.3		"	1.00	19.3	305	75-125	High Bias			
Manganese	2.25		"	0.500	1.53	144	75-125	High Bias			
Nickel	0.677		"	0.500	0.152	105	75-125				
Potassium	11.6		"	1.00	9.59	205	75-125	High Bias			
Selenium	1.46		"	2.00	-0.123	72.8	75-125	Low Bias			
Silver	0.010		"	0.0500	-0.024	19.6	75-125	Low Bias			
Sodium	0.652		"	1.00	-1.03	65.2	75-125	Low Bias			
Thallium	1.87		"	2.00	-0.062	93.7	75-125				
Vanadium	0.728		"	0.500	0.233	98.9	75-125				
Zinc	1.00		"	0.500	0.458	109	75-125				
Reference (BH20387-SRM1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	9300	6.00	mg/kg wet	10100		92.1	39.5-118.8				
Antimony	84.1	3.00	"	244		34.5	10-123				
Arsenic	98.8	1.80	"	109		90.6	63.7-118.3				
Barium	365	3.00	"	364		100	70.3-117				
Beryllium	54.0	0.060	"	57.0		94.8	69.3-115.4				
Cadmium	44.1	0.360	"	48.7		90.7	67.8-112.9				
Calcium	4650	6.00	"	5190		89.7	66.3-116.6				
Chromium	166	0.600	"	173		96.1	65.3-120.8				
Cobalt	151	0.480	"	148		102	70.3-117.6				
Copper	185	2.40	"	179		104	70.9-117.9				
Iron	13900	30.0	"	15000		92.5	36.8-162.7				
Lead	101	0.600	"	101		100	69.1-126.7				
Magnesium	2470	6.00	"	2570		96.2	56.4-124.9				
Manganese	360	0.600	"	370		97.3	72.2-119.2				
Nickel	61.1	1.20	"	52.2		117	63.4-117.8				
Potassium	2280	6.00	"	2420		94.1	49.6-118.6				
Selenium	67.5	3.00	"	104		64.9	58.5-122.1				
Silver	24.8	0.600	"	29.9		83.1	63.5-123.7				
Sodium	625	60.0	"	161		388	30.1-139.1	High Bias			
Thallium	87.3	3.00	"	101		86.4	59.8-120.8				
Vanadium	183	1.20	"	194		94.6	73.2-117				
Zinc	400	3.00	"	431		92.7	74.9-121.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20390 - EPA 3050B											
Blank (BH20390-BLK1)									Prepared: 08/05/2022 Analyzed: 08/09/2022		
Aluminum	ND	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	ND	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	ND	6.00	"								
Selenium	ND	3.00	"								
Silver	0.704	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								
Duplicate (BH20390-DUP1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/05/2022 Analyzed: 08/10/2022		
Aluminum	6510	5.90	mg/kg dry		7290				11.3	35	
Antimony	ND	2.95	"		ND					35	
Arsenic	2.77	1.77	"		2.72				1.68	35	
Barium	25.0	2.95	"		26.4				5.53	35	
Beryllium	ND	0.059	"		ND					35	
Cadmium	ND	0.354	"		ND					35	
Calcium	802	5.90	"		881				9.36	35	
Chromium	10.3	0.590	"		11.5				10.6	35	
Cobalt	6.13	0.472	"		6.79				10.2	35	
Copper	9.52	2.36	"		11.2				16.1	35	
Iron	14100	29.5	"		15200				7.43	35	
Lead	12.0	0.590	"		13.1				9.17	35	
Magnesium	2130	5.90	"		2330				8.88	35	
Manganese	209	0.590	"		244				15.2	35	
Nickel	11.7	1.18	"		15.3				27.1	35	
Potassium	771	5.90	"		1020				28.0	35	
Selenium	ND	2.95	"		ND					35	
Silver	ND	0.590	"		ND					35	
Sodium	ND	59.0	"		ND					35	
Thallium	ND	2.95	"		ND					35	
Vanadium	16.5	1.18	"		18.0				8.48	35	
Zinc	29.1	2.95	"		31.0				6.25	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20390 - EPA 3050B											
Matrix Spike (BH20390-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/05/2022 Analyzed: 08/10/2022		
Aluminum	7800	6.00	mg/kg dry	200	7290	252	75-125	High Bias			
Antimony	11.4	3.00	"	25.0	ND	45.6	75-125	Low Bias			
Arsenic	213	1.80	"	200	2.72	105	75-125				
Barium	255	3.00	"	200	26.4	114	75-125				
Beryllium	5.40	0.060	"	5.00	ND	108	75-125				
Cadmium	5.61	0.360	"	5.00	ND	112	75-125				
Calcium	952	6.00	"	100	881	71.8	75-125	Low Bias			
Chromium	32.7	0.600	"	20.0	11.5	106	75-125				
Cobalt	63.6	0.480	"	50.0	6.79	114	75-125				
Copper	40.5	2.40	"	25.0	11.2	117	75-125				
Iron	15700	30.0	"	100	15200	501	75-125	High Bias			
Lead	72.7	0.600	"	50.0	13.1	119	75-125				
Magnesium	2410	6.00	"	100	2330	83.5	75-125				
Manganese	291	0.600	"	50.0	244	94.8	75-125				
Nickel	72.0	1.20	"	50.0	15.3	113	75-125				
Potassium	993	6.00	"	100	1020	NR	75-125	Low Bias			
Selenium	164	3.00	"	200	ND	82.2	75-125				
Silver	4.52	0.600	"	5.00	ND	90.4	75-125				
Sodium	214	60.0	"	100	ND	214	75-125	High Bias			
Thallium	205	3.00	"	200	ND	103	75-125				
Vanadium	72.1	1.20	"	50.0	18.0	108	75-125				
Zinc	85.8	3.00	"	50.0	31.0	110	75-125				
Post Spike (BH20390-PS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared: 08/05/2022 Analyzed: 08/10/2022		
Aluminum	72.6		ug/mL	2.00	61.8	541	75-125	High Bias			
Antimony	0.255		"	0.250	0.002	101	75-125				
Arsenic	2.00		"	2.00	0.023	98.7	75-125				
Barium	2.34		"	2.00	0.224	106	75-125				
Beryllium	0.048		"	0.0500	-0.001	96.9	75-125				
Cadmium	0.052		"	0.0500	-0.0003	104	75-125				
Calcium	9.32		"	1.00	7.46	186	75-125	High Bias			
Chromium	0.304		"	0.200	0.097	103	75-125				
Cobalt	0.586		"	0.500	0.057	106	75-125				
Copper	0.373		"	0.250	0.095	111	75-125				
Iron	148		"	1.00	129	NR	75-125	High Bias			
Lead	0.673		"	0.500	0.111	112	75-125				
Magnesium	23.2		"	1.00	19.7	349	75-125	High Bias			
Manganese	2.87		"	0.500	2.06	161	75-125	High Bias			
Nickel	0.672		"	0.500	0.130	108	75-125				
Potassium	10.3		"	1.00	8.66	166	75-125	High Bias			
Selenium	1.54		"	2.00	-0.132	76.9	75-125				
Silver	0.035		"	0.0500	-0.006	70.4	75-125	Low Bias			
Sodium	1.83		"	1.00	0.170	166	75-125	High Bias			
Thallium	1.91		"	2.00	-0.008	95.3	75-125				
Vanadium	0.671		"	0.500	0.152	104	75-125				
Zinc	0.790		"	0.500	0.262	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20390 - EPA 3050B											
Reference (BH20390-SRM1)								Prepared: 08/05/2022 Analyzed: 08/09/2022			
Aluminum	89.5		ug/mL	101		88.6	39.5-118.8				
Antimony	0.788		"	2.44		32.3	10-123				
Arsenic	0.960		"	1.09		88.1	63.7-118.3				
Barium	3.65		"	3.64		100	70.3-117				
Beryllium	0.534		"	0.570		93.6	69.3-115.4				
Cadmium	0.441		"	0.487		90.5	67.8-112.9				
Calcium	49.1		"	51.9		94.7	66.3-116.6				
Chromium	1.63		"	1.73		94.3	65.3-120.8				
Cobalt	1.47		"	1.48		99.1	70.3-117.6				
Copper	1.88		"	1.79		105	70.9-117.9				
Iron	139		"	150		92.8	36.8-162.7				
Lead	1.05		"	1.01		104	69.1-126.7				
Magnesium	24.0		"	25.7		93.4	56.4-124.9				
Manganese	3.73		"	3.70		101	72.2-119.2				
Nickel	0.643		"	0.522		123	63.4-117.8	High Bias			
Potassium	19.8		"	24.2		81.7	49.6-118.6				
Selenium	0.682		"	1.04		65.6	58.5-122.1				
Silver	0.274		"	0.299		91.6	63.5-123.7				
Sodium	6.64		"	1.61		412	30.1-139.1	High Bias			
Thallium	0.821		"	1.01		81.3	59.8-120.8				
Vanadium	1.79		"	1.94		92.4	73.2-117				
Zinc	3.98		"	4.31		92.3	74.9-121.1				
Batch BH20467 - EPA 3015A											
Blank (BH20467-BLK1)								Prepared & Analyzed: 08/08/2022			
Aluminum	ND	0.056	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	0.467	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.006	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	ND	0.056	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Sodium	ND	0.556	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20467 - EPA 3015A											
LCS (BH20467-BS1)								Prepared & Analyzed: 08/08/2022			
Aluminum	1.65		ug/mL	2.00		82.6	80-120				
Antimony	0.253		"	0.250		101	80-120				
Arsenic	2.00		"	2.00		100	80-120				
Barium	2.10		"	2.00		105	80-120				
Beryllium	0.050		"	0.0500		101	80-120				
Cadmium	0.053		"	0.0500		107	80-120				
Calcium	1.55		"	1.00		155	80-120	High Bias			
Chromium	0.202		"	0.200		101	80-120				
Cobalt	0.530		"	0.500		106	80-120				
Copper	0.249		"	0.250		99.6	80-120				
Iron	1.05		"	1.00		105	80-120				
Lead	0.541		"	0.500		108	80-120				
Magnesium	1.12		"	1.00		112	80-120				
Manganese	0.521		"	0.500		104	80-120				
Nickel	0.508		"	0.500		102	80-120				
Potassium	0.968		"	1.00		96.8	80-120				
Selenium	1.63		"	2.00		81.6	80-120				
Silver	0.046		"	0.0500		92.8	80-120				
Sodium	1.11		"	1.00		111	80-120				
Thallium	2.10		"	2.00		105	80-120				
Vanadium	0.504		"	0.500		101	80-120				
Zinc	0.528		"	0.500		106	80-120				
Duplicate (BH20467-DUP1)	*Source sample: 22H0308-18 (EB001)							Prepared & Analyzed: 08/08/2022			
Aluminum	ND	0.056	mg/L		ND					20	
Antimony	ND	0.028	"		ND					20	
Arsenic	ND	0.017	"		ND					20	
Barium	ND	0.028	"		ND					20	
Beryllium	0.001	0.0006	"		0.001				4.18	20	
Cadmium	ND	0.003	"		ND					20	
Calcium	0.940	0.056	"		0.961				2.12	20	
Chromium	ND	0.006	"		ND					20	
Cobalt	ND	0.004	"		ND					20	
Copper	ND	0.022	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.006	"		ND					20	
Magnesium	ND	0.056	"		ND					20	
Manganese	ND	0.006	"		ND					20	
Nickel	0.028	0.011	"		0.027				2.03	20	
Potassium	ND	0.056	"		ND					20	
Selenium	ND	0.028	"		ND					20	
Silver	ND	0.006	"		ND					20	
Sodium	ND	0.556	"		ND					20	
Thallium	ND	0.028	"		ND					20	
Vanadium	ND	0.011	"		ND					20	
Zinc	0.029	0.028	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20467 - EPA 3015A											
Matrix Spike (BH20467-MS1)	*Source sample: 22H0308-18 (EB001)							Prepared & Analyzed: 08/08/2022			
Antimony	0.256	0.028	mg/L	0.278	ND	92.3	75-125				
Arsenic	2.15	0.017	"	2.22	ND	96.6	75-125				
Barium	2.26	0.028	"	2.22	ND	102	75-125				
Beryllium	0.054	0.0006	"	0.0556	0.001	95.3	75-125				
Cadmium	0.055	0.003	"	0.0556	ND	99.4	75-125				
Chromium	0.218	0.006	"	0.222	ND	98.1	75-125				
Cobalt	0.572	0.004	"	0.556	ND	103	75-125				
Copper	0.262	0.022	"	0.278	ND	94.3	75-125				
Iron	1.14	0.278	"	1.11	ND	102	75-125				
Lead	0.574	0.006	"	0.556	ND	103	75-125				
Manganese	0.560	0.006	"	0.556	ND	101	75-125				
Nickel	0.570	0.011	"	0.556	0.027	97.8	75-125				
Selenium	1.73	0.028	"	2.22	ND	77.9	75-125				
Silver	0.050	0.006	"	0.0556	ND	90.8	75-125				
Thallium	2.23	0.028	"	2.22	ND	100	75-125				
Vanadium	0.536	0.011	"	0.556	ND	96.5	75-125				
Zinc	0.588	0.028	"	0.556	ND	106	75-125				
Post Spike (BH20467-PS1)	*Source sample: 22H0308-18 (EB001)							Prepared & Analyzed: 08/08/2022			
Aluminum	1.56		ug/mL	2.00	-0.186	78.0	75-125				
Antimony	0.233		"	0.250	-0.013	93.2	75-125				
Arsenic	2.03		"	2.00	0.010	101	75-125				
Barium	2.10		"	2.00	0.0001	105	75-125				
Beryllium	0.050		"	0.0500	0.001	98.5	75-125				
Cadmium	0.052		"	0.0500	0.0006	103	75-125				
Calcium	1.76		"	1.00	0.961	79.6	75-125				
Chromium	0.203		"	0.200	0.0005	101	75-125				
Cobalt	0.528		"	0.500	0.002	105	75-125				
Copper	0.244		"	0.250	-0.005	97.5	75-125				
Iron	1.04		"	1.00	0.016	103	75-125				
Lead	0.539		"	0.500	-0.010	108	75-125				
Magnesium	1.15		"	1.00	0.009	114	75-125				
Manganese	0.518		"	0.500	-0.0003	104	75-125				
Nickel	0.523		"	0.500	0.027	99.2	75-125				
Potassium	0.880		"	1.00	0.018	86.2	75-125				
Selenium	1.63		"	2.00	0.011	81.1	75-125				
Silver	0.041		"	0.0500	-0.0004	82.1	75-125				
Sodium	1.44		"	1.00	-0.067	144	75-125	High Bias			
Thallium	2.11		"	2.00	0.021	105	75-125				
Vanadium	0.499		"	0.500	0.0004	99.8	75-125				
Zinc	0.538		"	0.500	0.024	103	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20709 - EPA 3050B											
Blank (BH20709-BLK1)											
Prepared: 08/11/2022 Analyzed: 08/15/2022											
Aluminum	ND	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	ND	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	47.8	6.00	"								
Selenium	ND	3.00	"								
Silver	ND	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								
Duplicate (BH20709-DUP1)	*Source sample: 22H0646-23 (Duplicate)										
Prepared: 08/11/2022 Analyzed: 08/15/2022											
Aluminum	5820	5.76	mg/kg dry		6690				13.9	35	
Antimony	8.20	2.88	"		3.58				78.5	35	Non-dir.
Arsenic	ND	1.73	"		7.29					35	
Barium	131	2.88	"		128				2.13	35	
Beryllium	ND	0.058	"		ND					35	
Cadmium	3.04	0.346	"		1.73				55.0	35	Non-dir.
Calcium	25100	5.76	"		79000				104	35	Non-dir.
Chromium	67.8	0.576	"		37.5				57.6	35	Non-dir.
Cobalt	8.45	0.461	"		8.20				3.03	35	
Copper	191	2.31	"		153				22.6	35	
Iron	30700	28.8	"		30500				0.825	35	
Lead	343	0.576	"		247				32.4	35	
Magnesium	7950	5.76	"		39800				133	35	Non-dir.
Manganese	279	0.576	"		298				6.56	35	
Nickel	77.1	1.15	"		58.7				27.1	35	
Potassium	465	5.76	"		695				39.7	35	Non-dir.
Selenium	ND	2.88	"		ND					35	
Silver	3.88	0.576	"		ND				151	35	Non-dir.
Sodium	2320	57.6	"		2060				11.6	35	
Thallium	ND	2.88	"		ND					35	
Vanadium	38.7	1.15	"		36.1				6.89	35	
Zinc	1120	2.88	"		884				23.3	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20709 - EPA 3050B											
Matrix Spike (BH20709-MS1)	*Source sample: 22H0646-23 (Matrix Spike)								Prepared: 08/11/2022 Analyzed: 08/15/2022		
Aluminum	6170	5.57	mg/kg dry	186	6690	NR	75-125	Low Bias			
Antimony	14.1	2.78	"	23.2	3.58	45.5	75-125	Low Bias			
Arsenic	183	1.67	"	186	7.29	94.8	75-125				
Barium	354	2.78	"	186	128	122	75-125				
Beryllium	4.03	0.056	"	4.64	ND	86.9	75-125				
Cadmium	11.2	0.334	"	4.64	1.73	205	75-125	High Bias			
Calcium	36100	5.57	"	92.8	79000	NR	75-125	Low Bias			
Chromium	57.0	0.557	"	18.6	37.5	105	75-125				
Cobalt	56.4	0.445	"	46.4	8.20	104	75-125				
Copper	223	2.23	"	23.2	153	303	75-125	High Bias			
Iron	31100	27.8	"	92.8	30500	672	75-125	High Bias			
Lead	2060	0.557	"	46.4	247	NR	75-125	High Bias			
Magnesium	14000	5.57	"	92.8	39800	NR	75-125	Low Bias			
Manganese	337	0.557	"	46.4	298	84.0	75-125				
Nickel	110	1.11	"	46.4	58.7	110	75-125				
Potassium	620	5.57	"	92.8	695	NR	75-125	Low Bias			
Selenium	107	2.78	"	186	ND	57.7	75-125	Low Bias			
Silver	5.05	0.557	"	4.64	ND	109	75-125				
Sodium	2540	55.7	"	92.8	2060	515	75-125	High Bias			
Thallium	171	2.78	"	186	ND	92.1	75-125				
Vanadium	88.4	1.11	"	46.4	36.1	113	75-125				
Zinc	1150	2.78	"	46.4	884	575	75-125	High Bias			
Post Spike (BH20709-PS1)	*Source sample: 22H0646-23 (Post Spike)								Prepared: 08/11/2022 Analyzed: 08/15/2022		
Aluminum	76.1		ug/mL	2.00	62.1	697	75-125	High Bias			
Antimony	0.310		"	0.250	0.033	111	75-125				
Arsenic	2.07		"	2.00	0.068	100	75-125				
Barium	3.54		"	2.00	1.19	118	75-125				
Beryllium	0.044		"	0.0500	-0.005	88.2	75-125				
Cadmium	0.072		"	0.0500	0.016	112	75-125				
Calcium	893		"	1.00	734	NR	75-125	High Bias			
Chromium	0.628		"	0.200	0.349	140	75-125	High Bias			
Cobalt	0.597		"	0.500	0.076	104	75-125				
Copper	2.02		"	0.250	1.42	240	75-125	High Bias			
Iron	347		"	1.00	283	NR	75-125	High Bias			
Lead	3.32		"	0.500	2.30	204	75-125	High Bias			
Magnesium	454		"	1.00	370	NR	75-125	High Bias			
Manganese	3.82		"	0.500	2.77	209	75-125	High Bias			
Nickel	1.10		"	0.500	0.546	112	75-125				
Potassium	7.88		"	1.00	6.46	142	75-125	High Bias			
Selenium	1.28		"	2.00	-0.364	64.0	75-125	Low Bias			
Silver	0.050		"	0.0500	0.005	90.7	75-125				
Sodium	26.1		"	1.00	19.2	698	75-125	High Bias			
Thallium	1.88		"	2.00	0.002	93.7	75-125				
Vanadium	0.933		"	0.500	0.335	120	75-125				
Zinc	10.5		"	0.500	8.22	459	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20709 - EPA 3050B											
Reference (BH20709-SRM1)								Prepared: 08/11/2022 Analyzed: 08/15/2022			
Aluminum	9620	6.00	mg/kg wet	10100		95.2	39.5-118.8				
Antimony	82.8	3.00	"	244		34.0	10-123				
Arsenic	105	1.80	"	109		96.6	63.7-118.3				
Barium	374	3.00	"	364		103	70.3-117				
Beryllium	54.8	0.060	"	57.0		96.2	69.3-115.4				
Cadmium	45.6	0.360	"	48.7		93.7	67.8-112.9				
Calcium	5070	6.00	"	5190		97.6	66.3-116.6				
Chromium	171	0.600	"	173		99.0	65.3-120.8				
Cobalt	153	0.480	"	148		103	70.3-117.6				
Copper	192	2.40	"	179		107	70.9-117.9				
Iron	14900	30.0	"	15000		99.1	36.8-162.7				
Lead	110	0.600	"	101		109	69.1-126.7				
Magnesium	2620	6.00	"	2570		102	56.4-124.9				
Manganese	383	0.600	"	370		104	72.2-119.2				
Nickel	68.3	1.20	"	52.2		131	63.4-117.8	High Bias			
Potassium	2230	6.00	"	2420		92.0	49.6-118.6				
Selenium	58.6	3.00	"	104		56.3	58.5-122.1	Low Bias			
Silver	28.7	0.600	"	29.9		95.9	63.5-123.7				
Sodium	649	60.0	"	161		403	30.1-139.1	High Bias			
Thallium	94.5	3.00	"	101		93.6	59.8-120.8				
Vanadium	187	1.20	"	194		96.6	73.2-117				
Zinc	420	3.00	"	431		97.5	74.9-121.1				

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 Limit	Flag
Batch BH20493 - EPA SW846-7470A											
Blank (BH20493-BLK1)								Prepared & Analyzed: 08/08/2022			
Mercury	ND	0.0002	mg/L								
LCS (BH20493-BS1)								Prepared & Analyzed: 08/08/2022			
Mercury	0.0021062	0.0002	mg/L	0.00200		105	80-120				
LCS (BH20493-BS2)								Prepared & Analyzed: 08/08/2022			
Mercury	0.0021755	0.0002	mg/L	0.00200		109	80-120				
Batch BH20686 - EPA 7473 soil											
Blank (BH20686-BLK1)								Prepared & Analyzed: 08/11/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH20686-DUP1)	*Source sample: 22H0308-09 (SB020 (8'-10'))							Prepared & Analyzed: 08/11/2022			
Mercury	ND	0.0354	mg/kg dry		ND					35	
Matrix Spike (BH20686-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))							Prepared & Analyzed: 08/11/2022			
Mercury	0.483		mg/kg	0.500	0.00620	95.4	75-125				
Reference (BH20686-SRM1)								Prepared & Analyzed: 08/11/2022			
Mercury	25.852		mg/kg	27.2		95.0	59.9-140.1				
Batch BH20689 - EPA 7473 soil											
Blank (BH20689-BLK1)								Prepared & Analyzed: 08/11/2022			
Mercury	ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20689 - EPA 7473 soil											
Duplicate (BH20689-DUP1)	*Source sample: 22H0308-14 (SB014 (2'-4'))								Prepared & Analyzed: 08/11/2022		
Mercury	0.994	0.0343	mg/kg dry		1.12				11.5	35	
Matrix Spike (BH20689-MS1)	*Source sample: 22H0308-14 (SB014 (2'-4'))								Prepared & Analyzed: 08/11/2022		
Mercury	1.65		mg/kg	0.500	0.974	136	75-125	High Bias			
Reference (BH20689-SRM1)									Prepared & Analyzed: 08/11/2022		
Mercury	26.933		mg/kg	27.2		99.0	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20346 - Analysis Preparation											
Blank (BH20346-BLK1)								Prepared & Analyzed: 08/04/2022			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BH20346-BS1)								Prepared & Analyzed: 08/04/2022			
Chromium, Hexavalent	0.497	0.0100	mg/L	0.500		99.4	80-120				
Duplicate (BH20346-DUP1)	*Source sample: 22H0294-01 (Duplicate)							Prepared & Analyzed: 08/04/2022			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BH20346-MS1)	*Source sample: 22H0294-01 (Matrix Spike)							Prepared & Analyzed: 08/04/2022			
Chromium, Hexavalent	0.461	0.0100	mg/L	0.500	ND	92.2	75-125				
Batch BH20691 - EPA SW846-3060											
Blank (BH20691-BLK1)								Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH20691-DUP1)	*Source sample: 22H0308-09 (SB020 (8'-10'))							Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	ND	0.590	mg/kg dry		ND					35	
Matrix Spike (BH20691-MS1)	*Source sample: 22H0308-09 (SB020 (8'-10'))							Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	23.2	0.590	mg/kg dry	23.6	ND	98.4	75-125				
Reference (BH20691-SRM1)								Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	89.5		mg/L	131		68.3	33.8-169.5				
Batch BH20746 - EPA SW846-3060											
Blank (BH20746-BLK1)								Prepared & Analyzed: 08/11/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20746 - EPA SW846-3060											
Duplicate (BH20746-DUP1)	*Source sample: 22H0360-07 (Duplicate)								Prepared & Analyzed: 08/11/2022		
Chromium, Hexavalent	ND	0.533	mg/kg dry		ND					35	
Matrix Spike (BH20746-MS1)	*Source sample: 22H0360-07 (Matrix Spike)								Prepared & Analyzed: 08/11/2022		
Chromium, Hexavalent	13.9	0.533	mg/kg dry	21.3	ND	65.2	75-125	Low Bias			
Reference (BH20746-SRM1)									Prepared & Analyzed: 08/11/2022		
Chromium, Hexavalent	118		mg/L	131		90.4	33.8-169.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20787 - % Solids Prep											
Duplicate (BH20787-DUP1)	*Source sample: 22H0308-09 (SB020 (8'-10'))								Prepared & Analyzed: 08/12/2022		
% Solids	84.9	0.100	%		84.7				0.206	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22H0308-01	SB024 (5'-7')	40mL Vial with Stir Bar-Cool 4° C
22H0308-02	SB012 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
22H0308-03	SB012 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
22H0308-04	SB013 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
22H0308-05	SB023 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
22H0308-06	SB022 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
22H0308-07	SB021 (13'-15')	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
22H0308-08	SB019 (17'-19')	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
22H0308-09	SB020 (8'-10')	40mL Vial with Stir Bar-Cool 4° C
22H0308-10	SB018 (3'-5')	40mL Vial with Stir Bar-Cool 4° C
22H0308-11	SB018 (5'-7')	40mL Vial with Stir Bar-Cool 4° C
22H0308-12	DUP004	40mL Vial with Stir Bar-Cool 4° C
22H0308-13	SB017 (3'-5')	40mL Vial with Stir Bar-Cool 4° C
22H0308-14	SB014 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
22H0308-15	SB014 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
22H0308-16	SB016 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
22H0308-17	SB015 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
22H0308-18	EB001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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.

YORK Project No. 22H0308 ~~220308~~ TFG

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: Jennifer Lewis	Contact:	Contact:
E-mail: JenniferL@pwgioser.com	E-mail:	E-mail:

YOUR Project Number: TOT2202/2101

YOUR Project Name: TOT2202/2101

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Janelle Davis

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report; CT RCP; Standard Excel EDD
QA Report; CT RCP DQA/DUE; EQuIS (Standard)
NY ASP A Package; NJDEP Reduced Deliverables; NYSDEC EQuIS
NY ASP B Package; NJDEP SRP HazSite
NJDKQP; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB024 (5'-7')	S	8/3/22 830	TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL Metals,	Trivalent + Hexavalent Chromium
SB012 (6'-8')	S	8/3/22 930		
SB012 (8'-10')	S	8/3/22 945		
SB013 (6-8')	S	8/3/22 1015		
SB023 (8'-10')	S	8/3/22 1045		
SB022 (8'-10')	S	8/3/22 1100		
SB021 (13'-15')	S	8/3/22 1110		
SB019 (17-19')	S	8/3/22 1140		
SB020 (8'-10')	S	8/3/22 1200		
SB020 (8'-10') MS	S	8/3/22 1205		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/4/22 800		8/4/22 1100		8/4/22 1710
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8/4/22 1710	3.1 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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.

YORK Project No. 22H0308

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Avenue	Address:	Address:
Phone.: 631-584-6353	Phone.:	Phone.:
Contact: Jennifer Lewis	Contact:	Contact:
E-mail: JenniferL@pwgrasser.com	E-mail:	E-mail:

YOUR Project Number: TOT2202 / 2101

YOUR Project Name: TOT2202 / 2101.

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Janelle Davis

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB020 (8'-10') MSD	S 1210	8/3/22	TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL Metals, Trivalent + Hexavalent Chromium	
SB018 (3'-5')	S 1235			
SB018 (5'-7')	S 1240			
DUP004	S			
SB017 (3'-5')	S 1300			
SB014 (2'-4')	S 1325			
SB014 (4'-6')	S 1330			
SB016 (10'-12')	S 1405			
SB015 (10'-12')	S 1345			
EB001	W 1500			

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/4/22 800	KBarbyork	8/4/22 1040	KBarbyork	8/4/22 1710
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					8/4/22 1710 / 3.1 Degrees C

APPENDIX C

Daily Field Reports / CAMP Logs

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

PWGC	DATE:	8/3/22	DAY:	Wednesday
	ON-SITE:	0700 am	OFF-SITE:	1600 pm
	NYSDEC Project #:	C224332		
	PWGC Project #:	TOT2202		

DAILY FIELD ACTIVITY REPORT	
PROJECT:	737 4th Avenue Site
LOCATION:	731-747 4th Avenue, Brooklyn, New York 11232
WEATHER:	Sunny, 88° F, Wind 6mph southeast
SITE SAFETY OFFICER:	Janelle Davis
ATTACHMENTS:	Site Plan, CAMP Readings

SUMMARY OF SITE ACTIVITIES

- Associated Environmental, LTD on site to install soil borings (SB012 through SB025) as per SRIWP.
- CAMP stations were setup to collect continuous VOC and dust readings. No exceedances occurred.
  - There were telemetry issues resulting in CAMP readings not being collected in the morning and VOC readings not being collected on the up-gradient CAMP station. There was no visual or olfactory evidence of dust or VOCs migrating off-site.

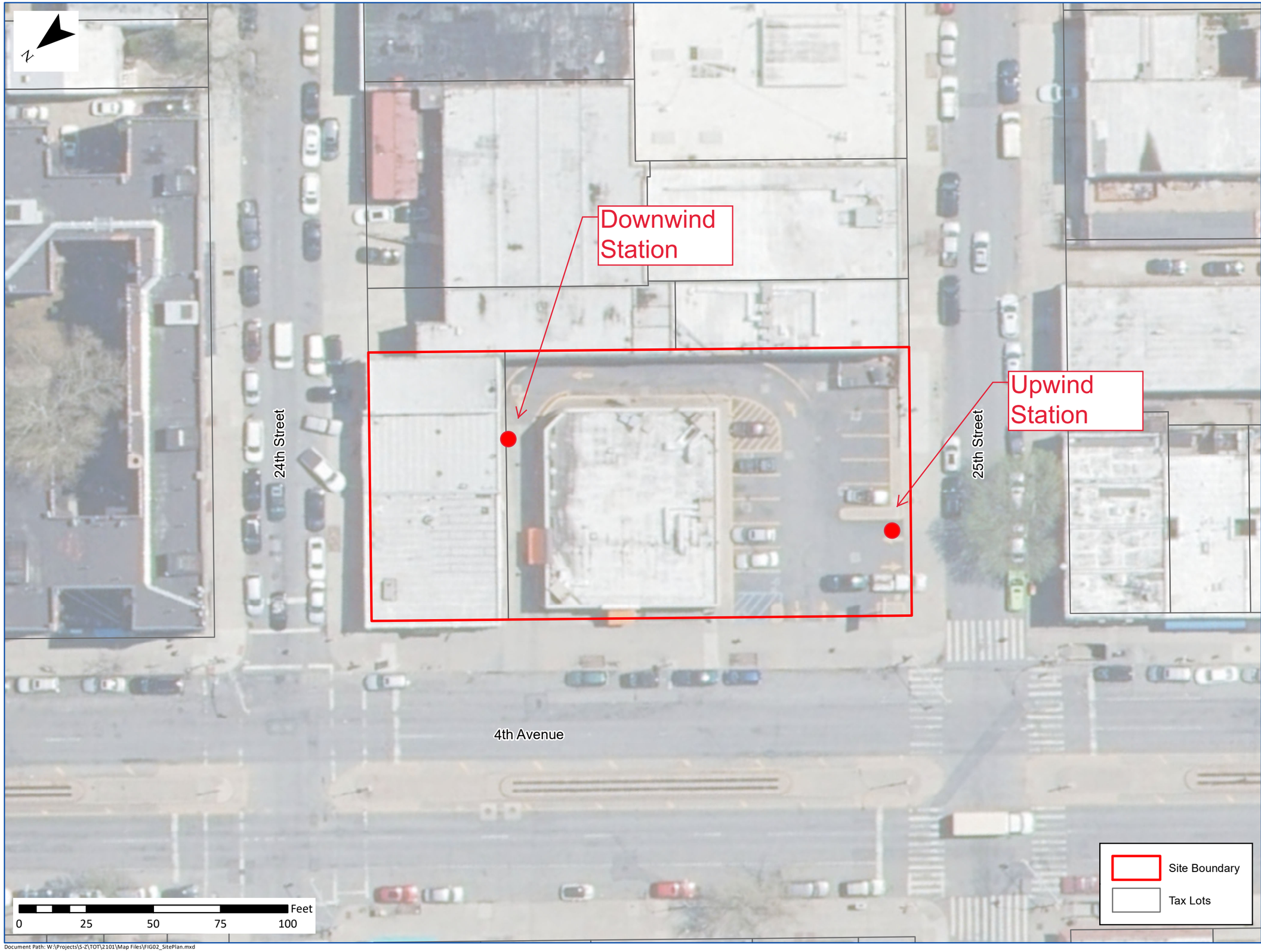
PREPARED BY	**REVIEWED BY**
PRINT NAME: Janelle Davis	PRINT NAME: Jennifer Lewis

	DATE:	8/3/22	DAY:	Wednesday
	ON-SITE:	0700 am	OFF-SITE:	1600 pm
	NYSDEC Project #:	C224332		
	PWGC Project #:	TOT2202		

PHOTO LOG

Associated Drilling SB014

Associated cleaning up after drilling.



Document Path: W:\Projects\S-Z\TOT\2101\Map Files\FIG02_SitePlan.mxd

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting Engineer & Hydrogeologist, PC
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgrosser.com

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING AND RELATED DOCUMENTS IS A VIOLATION OF SEC. 7209 OF THE N.Y.S. EDUCATION LAW

DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	TOT2101	Designed by:	JL
Date:	3/29/2021	Drawn by:	UC
Scale:	AS SHOWN	Approved by:	JL

SITE PLAN

731-747 4th Ave
Brooklyn, NY

FIGURE NO:

2

Device Timestamp (UTC)	Mass Conc. Total mg/m³ AVG 15m (mg/m³)	VOC ppm AVG 15m (ppm)
8/3/2022 12:08		
8/3/2022 12:09	0.015	0
8/3/2022 12:10	0.0155	0
8/3/2022 12:10		
8/3/2022 12:11	0.0157	0
8/3/2022 12:12	0.0158	0
8/3/2022 12:13	0.0162	0
8/3/2022 12:14	0.017	0
8/3/2022 12:15	0.017	0
8/3/2022 12:16	0.0169	0
8/3/2022 12:17	0.0168	0
8/3/2022 12:18	0.0166	0
8/3/2022 12:19	0.0165	0
8/3/2022 12:20	0.0164	0
8/3/2022 12:21	0.0164	0
8/3/2022 12:22	0.0163	0
8/3/2022 12:23	0.0162	0
8/3/2022 12:24	0.0162	0
8/3/2022 12:25	0.0161	0
8/3/2022 12:26	0.0161	0
8/3/2022 12:27	0.0161	0
8/3/2022 12:28	0.0159	0
8/3/2022 12:29	0.0157	0
8/3/2022 12:30	0.0157	0
8/3/2022 12:31	0.0157	0
8/3/2022 12:32	0.0157	0
8/3/2022 12:33	0.0159	0
8/3/2022 12:34	0.0159	0
8/3/2022 12:35	0.0159	0
8/3/2022 12:36	0.0159	0
8/3/2022 12:37	0.016	0
8/3/2022 12:38	0.0161	0
8/3/2022 12:39	0.0161	0
8/3/2022 12:40	0.0162	0
8/3/2022 12:41	0.0163	0
8/3/2022 12:42	0.0164	0
8/3/2022 12:43	0.0165	0
8/3/2022 12:44	0.0165	0
8/3/2022 12:45	0.0167	0
8/3/2022 12:46	0.017	0
8/3/2022 12:47	0.0173	0
8/3/2022 12:48	0.0175	0
8/3/2022 12:49	0.0177	0
8/3/2022 12:50	0.0179	0
8/3/2022 12:51	0.0183	0

8/3/2022 12:52	0.0185	0
8/3/2022 12:53	0.0187	0
8/3/2022 12:54	0.0188	0.0001
8/3/2022 12:55	0.0187	0.0004
8/3/2022 12:56	0.0186	0.0004
8/3/2022 12:57	0.0185	0.0004
8/3/2022 12:58	0.0183	0.0004
8/3/2022 12:59	0.0181	0.0004
8/3/2022 13:00	0.0178	0.0004
8/3/2022 13:01	0.0174	0.0004
8/3/2022 13:02	0.0171	0.0004
8/3/2022 13:03	0.0167	0.0004
8/3/2022 13:04	0.0164	0.0004
8/3/2022 13:05	0.0161	0.0004
8/3/2022 13:06	0.0156	0.0004
8/3/2022 13:07	0.0153	0.0004
8/3/2022 13:08	0.0151	0.0004
8/3/2022 13:09	0.0149	0.0003
8/3/2022 13:10	0.0153	0
8/3/2022 13:11	0.0155	0
8/3/2022 13:12	0.0157	0
8/3/2022 13:13	0.0158	0
8/3/2022 13:14	0.0159	0
8/3/2022 13:15	0.0161	0
8/3/2022 13:16	0.0163	0
8/3/2022 13:17	0.0164	0
8/3/2022 13:18	0.0165	0
8/3/2022 13:19	0.0168	0
8/3/2022 13:20	0.0172	0
8/3/2022 13:21	0.0178	0
8/3/2022 13:22	0.0191	0
8/3/2022 13:23	0.0197	0
8/3/2022 13:24	0.0201	0.0005
8/3/2022 13:25	0.0197	0.0007
8/3/2022 13:26	0.0196	0.0011
8/3/2022 13:27	0.0195	0.0014
8/3/2022 13:28	0.0194	0.0023
8/3/2022 13:29	0.0193	0.0024
8/3/2022 13:30	0.0191	0.0028
8/3/2022 13:31	0.0187	0.0028
8/3/2022 13:32	0.0186	0.0028
8/3/2022 13:33	0.0189	0.0028
8/3/2022 13:34	0.0191	0.0028
8/3/2022 13:35	0.019	0.0028
8/3/2022 13:36	0.0187	0.0028
8/3/2022 13:37	0.0175	0.0028
8/3/2022 13:38	0.0172	0.0028

8/3/2022 13:39	0.0178	0.0023
8/3/2022 13:40	0.0184	0.0021
8/3/2022 13:41	0.0187	0.0017
8/3/2022 13:42	0.0188	0.0014
8/3/2022 13:43	0.0191	0.0005
8/3/2022 13:44	0.0192	0.0004
8/3/2022 13:45	0.0194	0
8/3/2022 13:46	0.0195	0
8/3/2022 13:47	0.0197	0.0002
8/3/2022 13:48	0.0193	0.0002
8/3/2022 13:49	0.0191	0.0003
8/3/2022 13:50	0.0191	0.0004
8/3/2022 13:51	0.0192	0.0006
8/3/2022 13:52	0.0193	0.0012
8/3/2022 13:53	0.0191	0.0013
8/3/2022 13:54	0.0184	0.0019
8/3/2022 13:55	0.018	0.0019
8/3/2022 13:56	0.0179	0.0019
8/3/2022 13:57	0.0181	0.0019
8/3/2022 13:58	0.0185	0.0022
8/3/2022 13:59	0.0191	0.0025
8/3/2022 14:00	0.0195	0.0035
8/3/2022 14:01	0.0198	0.0045
8/3/2022 14:02	0.0199	0.0049
8/3/2022 14:03	0.0201	0.005
8/3/2022 14:04	0.0201	0.0053
8/3/2022 14:05	0.0201	0.0066
8/3/2022 14:06	0.0201	0.0069
8/3/2022 14:07	0.0201	0.0075
8/3/2022 14:08	0.0203	0.0099
8/3/2022 14:09	0.0204	0.0105
8/3/2022 14:10	0.0205	0.0109
8/3/2022 14:11	0.0206	0.0114
8/3/2022 14:12	0.0207	0.0119
8/3/2022 14:13	0.0204	0.0129
8/3/2022 14:14	0.0201	0.0141
8/3/2022 14:15	0.0199	0.0141
8/3/2022 14:16	0.0198	0.0135
8/3/2022 14:17	0.0198	0.0145
8/3/2022 14:18	0.0201	0.0161
8/3/2022 14:19	0.0203	0.0173
8/3/2022 14:20	0.0203	0.0173
8/3/2022 14:21	0.0205	0.0189
8/3/2022 14:22	0.0208	0.0193
8/3/2022 14:23	0.0208	0.0181
8/3/2022 14:24	0.0207	0.0181
8/3/2022 14:25	0.0207	0.0196

8/3/2022 14:26	0.0208	0.0211
8/3/2022 14:27	0.0207	0.0223
8/3/2022 14:28	0.0206	0.0224
8/3/2022 14:29	0.0205	0.0225
8/3/2022 14:30	0.0204	0.0229
8/3/2022 14:31	0.0203	0.0237
8/3/2022 14:32	0.0203	0.0235
8/3/2022 14:33	0.0201	0.0241
8/3/2022 14:34	0.0199	0.0238
8/3/2022 14:35	0.02	0.0239
8/3/2022 14:36	0.02	0.0231
8/3/2022 14:37	0.0198	0.0235
8/3/2022 14:38	0.0197	0.0241
8/3/2022 14:39	0.0198	0.0267
8/3/2022 14:40	0.0199	0.027
8/3/2022 14:41	0.0197	0.0272
8/3/2022 14:42	0.0196	0.0277
8/3/2022 14:43	0.0197	0.0289
8/3/2022 14:44	0.0199	0.0295
8/3/2022 14:45	0.0199	0.0302
8/3/2022 14:46	0.0201	0.0309
8/3/2022 14:47	0.0203	0.0315
8/3/2022 14:48	0.0204	0.0313
8/3/2022 14:49	0.0206	0.0325
8/3/2022 14:50	0.0205	0.0332
8/3/2022 14:51	0.0204	0.034
8/3/2022 14:52	0.0201	0.0341
8/3/2022 14:53	0.0201	0.0343
8/3/2022 14:54	0.0199	0.0325
8/3/2022 14:55	0.0197	0.0324
8/3/2022 14:56	0.0198	0.0325
8/3/2022 14:57	0.02	0.0329
8/3/2022 14:58	0.0199	0.0322
8/3/2022 14:59	0.0194	0.0319
8/3/2022 15:00	0.0193	0.0326
8/3/2022 15:01	0.0192	0.0326
8/3/2022 15:02	0.0189	0.0323
8/3/2022 15:03	0.0187	0.0319
8/3/2022 15:03		
8/3/2022 15:04		0.0312
8/3/2022 15:05	0.0184	0.0311
8/3/2022 15:06	0.0186	0.0315
8/3/2022 15:07	0.0186	0.0313
8/3/2022 15:08	0.0181	0.0312
8/3/2022 15:09	0.0178	0.0309
8/3/2022 15:10	0.0174	0.0305
8/3/2022 15:11	0.0169	0.0303

8/3/2022 15:12	0.0165	0.0321
8/3/2022 15:13	0.0163	0.0333
8/3/2022 15:14	0.0165	0.0335
8/3/2022 15:15	0.0164	0.0329
8/3/2022 15:16	0.0164	0.0335
8/3/2022 15:17	0.0167	0.0335
8/3/2022 15:18	0.0166	0.0336
8/3/2022 15:19	0.0167	0.0345
8/3/2022 15:20	0.0169	0.0345
8/3/2022 15:21	0.0166	0.0339
8/3/2022 15:22	0.0167	0.0335
8/3/2022 15:23	0.0169	0.0332
8/3/2022 15:24	0.0173	0.0335
8/3/2022 15:25	0.0176	0.0335
8/3/2022 15:26	0.0179	0.0333
8/3/2022 15:27	0.018	0.0309
8/3/2022 15:28	0.0181	0.03
8/3/2022 15:29	0.0181	0.0303
8/3/2022 15:30	0.0181	0.0306
8/3/2022 15:31	0.0179	0.0307
8/3/2022 15:32	0.0175	0.0313
8/3/2022 15:33	0.0175	0.0317
8/3/2022 15:34	0.0187	0.0318
8/3/2022 15:35	0.0192	0.0325
8/3/2022 15:36	0.0193	0.0333
8/3/2022 15:37	0.0192	0.0341
8/3/2022 15:38	0.0192	0.0348
8/3/2022 15:39	0.0192	0.0352
8/3/2022 15:40	0.0193	0.0355
8/3/2022 15:41	0.0195	0.0361
8/3/2022 15:42	0.0197	0.0367
8/3/2022 15:43	0.0205	0.0371
8/3/2022 15:44	0.021	0.0377
8/3/2022 15:45	0.0211	0.0377
8/3/2022 15:46	0.0216	0.0379
8/3/2022 15:47	0.0221	0.0381
8/3/2022 15:48	0.0221	0.0383
8/3/2022 15:49	0.0208	0.0385
8/3/2022 15:50	0.0199	0.0383
8/3/2022 15:51	0.0198	0.0381
8/3/2022 15:52	0.0198	0.0383
8/3/2022 15:53	0.0197	0.0381
8/3/2022 15:54	0.0195	0.0381
8/3/2022 15:55	0.0193	0.0384

Device

Timestamp (UTC)	Mass Conc. Total mg/m³ AVG 15m (mg/m³)	VOC ppm AVG 15m (ppm)
8/3/2022 11:30		
8/3/2022 11:31	0	
8/3/2022 11:32	0	
8/3/2022 11:33	0	
8/3/2022 11:34	0.005	
8/3/2022 11:35	0.0242	
8/3/2022 11:36	0.0242	
8/3/2022 11:37	0.024	
8/3/2022 11:38	0.0239	
8/3/2022 11:39	0.0237	
8/3/2022 11:40	0.024	
8/3/2022 11:41	0.0241	
8/3/2022 11:42	0.024	
8/3/2022 12:06		
8/3/2022 12:08	0.015	
8/3/2022 12:09	0.0155	
8/3/2022 12:10	0.0153	
8/3/2022 12:11	0.0153	
8/3/2022 12:12	0.016	
8/3/2022 12:13	0.016	
8/3/2022 12:14	0.0159	
8/3/2022 12:15	0.0161	
8/3/2022 12:16	0.0161	
8/3/2022 12:17	0.016	
8/3/2022 12:18	0.0158	
8/3/2022 12:19	0.0158	
8/3/2022 12:20	0.0157	
8/3/2022 12:21	0.0157	
8/3/2022 12:22	0.0156	
8/3/2022 12:23	0.0155	
8/3/2022 12:24	0.0155	
8/3/2022 12:25	0.0156	
8/3/2022 12:26	0.0155	
8/3/2022 12:27	0.0152	
8/3/2022 12:28	0.0151	
8/3/2022 12:29	0.0151	
8/3/2022 12:30	0.0149	
8/3/2022 12:31	0.0149	
8/3/2022 12:32	0.015	
8/3/2022 12:33	0.0151	
8/3/2022 12:34	0.0151	
8/3/2022 12:35	0.0151	
8/3/2022 12:36	0.0151	
8/3/2022 12:37	0.0151	
8/3/2022 12:38	0.0152	

8/3/2022 12:39	0.0151
8/3/2022 12:40	0.0151
8/3/2022 12:41	0.0151
8/3/2022 12:42	0.0152
8/3/2022 12:43	0.0153
8/3/2022 12:44	0.0155
8/3/2022 12:45	0.0156
8/3/2022 12:46	0.0158
8/3/2022 12:47	0.016
8/3/2022 12:48	0.0162
8/3/2022 12:49	0.0165
8/3/2022 12:50	0.0167
8/3/2022 12:51	0.017
8/3/2022 12:52	0.0173
8/3/2022 12:53	0.0175
8/3/2022 12:54	0.0174
8/3/2022 12:55	0.0174
8/3/2022 12:56	0.0173
8/3/2022 12:57	0.0173
8/3/2022 12:58	0.0174
8/3/2022 12:59	0.0173
8/3/2022 13:00	0.0172
8/3/2022 13:01	0.0169
8/3/2022 13:02	0.0167
8/3/2022 13:03	0.0163
8/3/2022 13:04	0.0159
8/3/2022 13:05	0.0155
8/3/2022 13:06	0.015
8/3/2022 13:07	0.0145
8/3/2022 13:08	0.0143
8/3/2022 13:09	0.0143
8/3/2022 13:10	0.0149
8/3/2022 13:11	0.0153
8/3/2022 13:12	0.0153
8/3/2022 13:13	0.0152
8/3/2022 13:14	0.0151
8/3/2022 13:15	0.0153
8/3/2022 13:16	0.0154
8/3/2022 13:17	0.0155
8/3/2022 13:18	0.0157
8/3/2022 13:19	0.0161
8/3/2022 13:20	0.0165
8/3/2022 13:21	0.0179
8/3/2022 13:22	0.0197
8/3/2022 13:23	0.0204
8/3/2022 13:24	0.0205
8/3/2022 13:25	0.0199

8/3/2022 13:26	0.0195
8/3/2022 13:27	0.0195
8/3/2022 13:28	0.0193
8/3/2022 13:29	0.0193
8/3/2022 13:30	0.019
8/3/2022 13:31	0.0187
8/3/2022 13:32	0.0187
8/3/2022 13:33	0.0187
8/3/2022 13:34	0.0185
8/3/2022 13:35	0.0183
8/3/2022 13:36	0.0173
8/3/2022 13:37	0.0158
8/3/2022 13:38	0.0153
8/3/2022 13:39	0.0156
8/3/2022 13:40	0.0161
8/3/2022 13:41	0.0163
8/3/2022 13:42	0.0164
8/3/2022 13:43	0.0167
8/3/2022 13:44	0.0167
8/3/2022 13:45	0.0169
8/3/2022 13:46	0.017
8/3/2022 13:47	0.0171
8/3/2022 13:48	0.017
8/3/2022 13:49	0.0171
8/3/2022 13:50	0.0171
8/3/2022 13:51	0.0171
8/3/2022 13:52	0.017
8/3/2022 13:53	0.0169
8/3/2022 13:54	0.0166
8/3/2022 13:55	0.0162
8/3/2022 13:56	0.0163
8/3/2022 13:57	0.0166
8/3/2022 13:58	0.0169
8/3/2022 13:59	0.0176
8/3/2022 14:00	0.0182
8/3/2022 14:01	0.0185
8/3/2022 14:02	0.0187
8/3/2022 14:03	0.0187
8/3/2022 14:04	0.0187
8/3/2022 14:05	0.0187
8/3/2022 14:06	0.0187
8/3/2022 14:07	0.0188
8/3/2022 14:08	0.019
8/3/2022 14:09	0.019
8/3/2022 14:10	0.019
8/3/2022 14:11	0.019
8/3/2022 14:12	0.0189

8/3/2022 14:13	0.0186
8/3/2022 14:14	0.0182
8/3/2022 14:15	0.0177
8/3/2022 14:16	0.0175
8/3/2022 14:17	0.0176
8/3/2022 14:18	0.0179
8/3/2022 14:19	0.018
8/3/2022 14:20	0.0181
8/3/2022 14:21	0.0182
8/3/2022 14:22	0.0183
8/3/2022 14:23	0.0182
8/3/2022 14:24	0.0182
8/3/2022 14:25	0.0182
8/3/2022 14:26	0.0181
8/3/2022 14:27	0.0181
8/3/2022 14:28	0.018
8/3/2022 14:29	0.0179
8/3/2022 14:30	0.0179
8/3/2022 14:31	0.0178
8/3/2022 14:32	0.0177
8/3/2022 14:33	0.0175
8/3/2022 14:34	0.0174
8/3/2022 14:35	0.0174
8/3/2022 14:36	0.0175
8/3/2022 14:37	0.0174
8/3/2022 14:38	0.0174
8/3/2022 14:39	0.0175
8/3/2022 14:40	0.0179
8/3/2022 14:41	0.018
8/3/2022 14:42	0.0178
8/3/2022 14:43	0.0179
8/3/2022 14:44	0.0179
8/3/2022 14:45	0.018
8/3/2022 14:46	0.0183
8/3/2022 14:47	0.0183
8/3/2022 14:48	0.0185
8/3/2022 14:49	0.0186
8/3/2022 14:50	0.0185
8/3/2022 14:51	0.0183
8/3/2022 14:52	0.0183
8/3/2022 14:53	0.0182
8/3/2022 14:54	0.0181
8/3/2022 14:55	0.018
8/3/2022 14:56	0.0179
8/3/2022 14:57	0.018
8/3/2022 14:58	0.0178
8/3/2022 14:59	0.0175

8/3/2022 15:00	0.0175
8/3/2022 15:01	0.0176
8/3/2022 15:02	0.0176
8/3/2022 15:03	0.0172
8/3/2022 15:04	0.0169
8/3/2022 15:05	0.0167
8/3/2022 15:06	0.017
8/3/2022 15:07	0.0167
8/3/2022 15:08	0.0163
8/3/2022 15:09	0.0159
8/3/2022 15:10	0.0157
8/3/2022 15:11	0.0154
8/3/2022 15:12	0.0152
8/3/2022 15:13	0.0151
8/3/2022 15:14	0.0152
8/3/2022 15:15	0.0149
8/3/2022 15:16	0.0146
8/3/2022 15:17	0.0145
8/3/2022 15:18	0.0145
8/3/2022 15:19	0.0144
8/3/2022 15:20	0.0144
8/3/2022 15:21	0.0141
8/3/2022 15:22	0.0141
8/3/2022 15:23	0.0143
8/3/2022 15:24	0.0144
8/3/2022 15:25	0.0143
8/3/2022 15:26	0.0144
8/3/2022 15:27	0.0143
8/3/2022 15:28	0.0142
8/3/2022 15:29	0.0141
8/3/2022 15:30	0.0139
8/3/2022 15:31	0.0138
8/3/2022 15:32	0.0137
8/3/2022 15:33	0.0137
8/3/2022 15:34	0.0137
8/3/2022 15:35	0.0139
8/3/2022 15:36	0.0141
8/3/2022 15:37	0.0141
8/3/2022 15:38	0.0141
8/3/2022 15:39	0.0142
8/3/2022 15:40	0.0142
8/3/2022 15:41	0.0142
8/3/2022 15:42	0.0143
8/3/2022 15:43	0.0151
8/3/2022 15:44	0.0155
8/3/2022 15:45	0.0159
8/3/2022 15:46	0.0164

8/3/2022 15:47	0.0168
8/3/2022 15:48	0.0169
8/3/2022 15:49	0.0168
8/3/2022 15:50	0.0165
8/3/2022 15:51	0.0162
8/3/2022 15:52	0.016
8/3/2022 15:53	0.0161
8/3/2022 15:54	0.0159
8/3/2022 15:55	0.0157

APPENDIX D

Data Usability Summary Report

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

DATA USABILITY SUMMARY REPORT (DUSR)

NYS Brownsfield
737 4th Avenue
Brooklyn, NY
Project # TOT2202/2101

SDG: 22H0306
1 Soil Sample

Prepared for:

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

September 2022

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Page No.

REVIEWER'S NARRATIVE

1.0 SUMMARY 1

2.0 INTRODUCTION 1

3.0 SAMPLE AND ANALYSIS SUMMARY 2

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA 2

5.0 DATA VALIDATION QUALIFIERS 3

6.0 RESULTS OF THE DATA REVIEW 4

7.0 TOTAL USABLE DATA 4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 VOCs
Table 6-2 SVOCs-Scan
Table 6-3 Pesticides
Table 6-4 PCBs
Table 6-5 ICP Metals
Table 6-6 Mercury
Table 6-7 Hexavalent Chromium

REVIEWER'S NARRATIVE
PWGC SDG 22H0306 737 4th Avenue Brooklyn, NY

The data associated with this Sample Delivery Group (SDG) 22H0306, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 9/2/2022

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	737 4th Avenue Brooklyn, NY Project #: TOT2202/2101
SAMPLING DATE:	August 03, 2022
SAMPLE TYPE:	1 soil sample
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	22H0306

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 1 soil sample collected on August 03, 2022. This sample was analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Pesticides, PCBs, ICP Metals, Mercury, and Hexavalent Chromium (CR+6).

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 22H0306. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-7. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 22H0306, one sample was analyzed and results were reported for 203 analyses. One result was rejected. Even though some results were flagged with a "J" as estimated, all other results (99.5 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)	All detected analytes	J detects	Sur rec BFB < QC limit	Detected data are estimated
SB024 (13-15)	tert-Butyl alcohol (TBA)	J detects	LCS > QC limit	Data may be biased high
SB024 (13-15)	1,4-Dioxane	R	ICAL RF < 0.005	The results are rejected
SB024 (13-15)	TBA	J detects UJ non-detects	ICV % D > 30 % QC limit	Data are estimated
SB024 (13-15)	Acetone	J detects UJ non-detects	CCV % D > 20 % QC limit	Data are estimated

Table 6-2 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)	2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol 4-Nitrophenol Benzoic acid Caprolactum	J detects UJ non-detects	ICAL RSD > QC limit	Data are estimated
SB024 (13-15)	Caprolactum Hexachlorobenzene Hexachlorocyclopentadiene N-Nitrosodimethylamine Pyridine	J detects UJ non-detects	CCV % D > QC limit	Data are estimated

Table 6-3 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)	Methoxychlor	J detects UJ non-detects	CCV % D > QC limit	Data are estimated

Table 6-4 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)			none	

Table 6-5 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)	Ni and Na	J+ detects	SRM > QC limit	Data are biased high
SB024 (13-15)	Sb, Ca, K, and Na	J+ detects	ICV and/or CCV > QC limit	Data are biased high

Table 6-6 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)			none	

Table 6-7 CR+6

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (13-15)			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

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

Report Date: 08/22/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0306

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/22/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0306

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 August 04, 2022 and listed below. The project was identified as your project: **TOT2202/2101**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22H0306-01	SB024 (13-15)	Soil	08/03/2022	08/04/2022
22H0306-02	SB024 (15-17)	Soil	08/03/2022	08/04/2022
22H0306-03	SB017 (5-7)	Soil	08/03/2022	08/04/2022

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (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.

YORK Project No. 22140306

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: PWGL	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone: 631-589-6353	Phone:	Phone:
Contact: Jennifer Lewis	Contact:	Contact:
E-mail: Jennifer L@pwgrosser.com	E-mail:	E-mail:

YOUR Project Number: TOT2202/2101

YOUR Project Name: TOT 2202/2101

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Jangile Davis

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB024 (13'-15')	S	8/3/22 845	TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL Metals,	Trivalent / Hexavalent
SB024 (15'-17')	S	8/3/22 900		Chromium
SB017 (5'7)	S	8/3/22 1305		

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply): HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	8/4/22 800.	K Bailey	8/4/22 1100	K Bailey	8/4/22 1710
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by [signature]	Date/Time 8/4/22 1710 Temperature 3.1 Degrees C

York Analytical Laboratories, Inc.
SDG: 22H0306
CLASS: VOA
METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/18/2022 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID: QV427374.D

Sampled: 08/03/22 08:45 Prepared: 08/08/22 06:23 Analyzed: 08/08/22 17:37

Solids: 92.60 Preparation: EPA 5035A Initial/Final: 4.66 g / 5 ml

Batch: BH20260 Sequence: Y2H0912 Calibration: YH20003 Instrument: QVOA4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0058	U
71-55-6	1,1,1-Trichloroethane	1	0.0058	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0058	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0058	U
79-00-5	1,1,2-Trichloroethane	1	0.0058	U
75-34-3	1,1-Dichloroethane	1	0.0058	U
75-35-4	1,1-Dichloroethylene	1	0.0058	U
563-58-6	1,1-Dichloropropylene	1	0.0058	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0058	U
96-18-4	1,2,3-Trichloropropane	1	0.0058	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0058	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0058	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0058	U
106-93-4	1,2-Dibromoethane	1	0.0058	U
95-50-1	1,2-Dichlorobenzene	1	0.0058	U
107-06-2	1,2-Dichloroethane	1	0.0058	U
78-87-5	1,2-Dichloropropane	1	0.0058	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0058	U
541-73-1	1,3-Dichlorobenzene	1	0.0058	U
142-28-9	1,3-Dichloropropane	1	0.0058	U
106-46-7	1,4-Dichlorobenzene	1	0.0058	U
123-91-1	1,4-Dioxane	1	~~0.12~~ R	U
594-20-7	2,2-Dichloropropane	1	0.0058	U
78-93-3	2-Butanone	1	0.0058	U
95-49-8	2-Chlorotoluene	1	0.0058	U
591-78-6	2-Hexanone	1	0.0058	U
106-43-4	4-Chlorotoluene	1	0.0058	U
108-10-1	4-Methyl-2-pentanone	1	0.0058	U
67-64-1	Acetone	1	0.013 J	
107-02-8	Acrolein	1	0.012	U
107-13-1	Acrylonitrile	1	0.0058	U
71-43-2	Benzene	1	0.0058	U
108-86-1	Bromobenzene	1	0.0058	U
74-97-5	Bromochloromethane	1	0.0058	U
75-27-4	Bromodichloromethane	1	0.0058	U
75-25-2	Bromoform	1	0.0058	U
74-83-9	Bromomethane	1	0.0058	U
75-15-0	Carbon disulfide	1	0.0058	U
56-23-5	Carbon tetrachloride	1	0.0058	U
108-90-7	Chlorobenzene	1	0.0058	U

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID: QV427374.D

Sampled: 08/03/22 08:45 Prepared: 08/08/22 06:23 Analyzed: 08/08/22 17:37

Solids: 92.60 Preparation: EPA 5035A Initial/Final: 4.66 g / 5 ml

Batch: BH20260 Sequence: Y2H0912 Calibration: YH20003 Instrument: QVOA4

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
75-00-3	Chloroethane	1	0.0058	U
67-66-3	Chloroform	1	0.0058	U
74-87-3	Chloromethane	1	0.0058	U
156-59-2	cis-1,2-Dichloroethylene	1	0.0058	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.0058	U
110-82-7	Cyclohexane	1	0.0038	J
124-48-1	Dibromochloromethane	1	0.0058	U
74-95-3	Dibromomethane	1	0.0058	U
75-71-8	Dichlorodifluoromethane	1	0.0058	U
100-41-4	Ethyl Benzene	1	0.0058	U
87-68-3	Hexachlorobutadiene	1	0.0058	U
98-82-8	Isopropylbenzene	1	0.052 J	
79-20-9	Methyl acetate	1	0.0058	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0058	U
108-87-2	Methylcyclohexane	1	0.019 J	
75-09-2	Methylene chloride	1	0.012	U
104-51-8	n-Butylbenzene	1	0.18 J	
103-65-1	n-Propylbenzene	1	0.098 J	
95-47-6	o-Xylene	1	0.0058	U
179601-23-1	p- & m- Xylenes	1	0.012	U
99-87-6	p-Isopropyltoluene	1	0.0058	U
135-98-8	sec-Butylbenzene	1	0.20 J	
100-42-5	Styrene	1	0.0058	U
75-65-0	tert-Butyl alcohol (TBA)	1	0.0058 UJ	U
98-06-6	tert-Butylbenzene	1	0.021 J	
127-18-4	Tetrachloroethylene	1	0.0058	U
108-88-3	Toluene	1	0.0058	U
156-60-5	trans-1,2-Dichloroethylene	1	0.0058	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.0058	U
79-01-6	Trichloroethylene	1	0.0058	U
75-69-4	Trichlorofluoromethane	1	0.0058	U
108-05-4	Vinyl acetate	1	0.0058	U
75-01-4	Vinyl Chloride	1	0.0058	U
1330-20-7	Xylenes, Total	1	0.017	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	56.4	113	77 - 125	
SURR: Toluene-d8	50.0	47.2	94.4	85 - 120	
SURR: p-Bromofluorobenzene	50.0	117	233	76 - 130	*

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q

MKP 9/1/2022

York Analytical Laboratories, Inc.
SDG: 22H0306
CLASS: SVOA
METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (13-15)	22H0306-01RE1
SB024 (13-15)	22H0306-01RE2
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/27/2022 Title: Laboratory Manager

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8270D

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID: BNA1016209.D

Sampled: 08/03/22 08:45 Prepared: 08/09/22 08:01 Analyzed: 08/09/22 21:08

Solids: 92.60 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BH20510 Sequence: Y2H1045 Calibration: YG20007 Instrument: BNA #1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
92-52-4	1,1-Biphenyl	2	0.0898	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.179	U
120-82-1	1,2,4-Trichlorobenzene	2	0.0898	U
95-50-1	1,2-Dichlorobenzene	2	0.0898	U
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0898	U
541-73-1	1,3-Dichlorobenzene	2	0.0898	U
106-46-7	1,4-Dichlorobenzene	2	0.0898	U
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.179	U
95-95-4	2,4,5-Trichlorophenol	2	0.0898	U
88-06-2	2,4,6-Trichlorophenol	2	0.0898	U
120-83-2	2,4-Dichlorophenol	2	0.0898	U
105-67-9	2,4-Dimethylphenol	2	0.0898	U
51-28-5	2,4-Dinitrophenol	2	0.179 UJ	U
121-14-2	2,4-Dinitrotoluene	2	0.0898	U
606-20-2	2,6-Dinitrotoluene	2	0.0898	U
91-58-7	2-Chloronaphthalene	2	0.0898	U
95-57-8	2-Chlorophenol	2	0.0898	U
95-48-7	2-Methylphenol	2	0.0898	U
88-74-4	2-Nitroaniline	2	0.179	U
88-75-5	2-Nitrophenol	2	0.0898	U
65794-96-9	3- & 4-Methylphenols	2	0.0898	U
91-94-1	3,3-Dichlorobenzidine	2	0.0898	U
99-09-2	3-Nitroaniline	2	0.179	U
534-52-1	4,6-Dinitro-2-methylphenol	2	0.179 UJ	U
101-55-3	4-Bromophenyl phenyl ether	2	0.0898	U
59-50-7	4-Chloro-3-methylphenol	2	0.0898	U
106-47-8	4-Chloroaniline	2	0.0898	U
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0898	U
100-01-6	4-Nitroaniline	2	0.179	U
100-02-7	4-Nitrophenol	2	0.179 UJ	U
83-32-9	Acenaphthene	2	1.27	D
208-96-8	Acenaphthylene	2	0.0898	U
98-86-2	Acetophenone	2	0.0898	U
62-53-3	Aniline	2	0.360	U
120-12-7	Anthracene	2	0.634	D
1912-24-9	Atrazine	2	0.0898	U
100-52-7	Benzaldehyde	2	0.0898	U
92-87-5	Benzidine	2	0.360	U
56-55-3	Benzo(a)anthracene	2	0.0898	U
50-32-8	Benzo(a)pyrene	2	0.0898	U

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID: BNA1016209.D

Sampled: 08/03/22 08:45 Prepared: 08/09/22 08:01 Analyzed: 08/09/22 21:08

Solids: 92.60 Preparation: EPA 3546 SVOA Initial/Final: 30.1 g / 1 mL

Batch: BH20510 Sequence: Y2H1045 Calibration: YG20007 Instrument: BNA #1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
205-99-2	Benzo(b)fluoranthene	2	0.0898	U
191-24-2	Benzo(g,h,i)perylene	2	0.0898	U
207-08-9	Benzo(k)fluoranthene	2	0.0898	U
65-85-0	Benzoic acid	2	0.0898 UJ	U
100-51-6	Benzyl alcohol	2	0.0898	U
85-68-7	Benzyl butyl phthalate	2	0.0898	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.0898	U
111-44-4	Bis(2-chloroethyl)ether	2	0.0898	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0898	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0898	U
105-60-2	Caprolactam	2	0.179 UJ	U
86-74-8	Carbazole	2	0.116	D
218-01-9	Chrysene	2	0.0898	U
53-70-3	Dibenzo(a,h)anthracene	2	0.0898	U
132-64-9	Dibenzofuran	2	1.54	D
84-66-2	Diethyl phthalate	2	0.0898	U
131-11-3	Dimethyl phthalate	2	0.0898	U
84-74-2	Di-n-butyl phthalate	2	0.0898	U
117-84-0	Di-n-octyl phthalate	2	0.0898	U
206-44-0	Fluoranthene	2	0.0739	JD
86-73-7	Fluorene	2	1.97	D
118-74-1	Hexachlorobenzene	2	0.0898 UJ	U
87-68-3	Hexachlorobutadiene	2	0.0898	U
77-47-4	Hexachlorocyclopentadiene	2	0.0898 UJ	U
67-72-1	Hexachloroethane	2	0.0898	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0898	U
78-59-1	Isophorone	2	0.0898	U
91-20-3	Naphthalene	2	0.0898	U
98-95-3	Nitrobenzene	2	0.0898	U
62-75-9	N-Nitrosodimethylamine	2	0.0898 UJ	U
621-64-7	N-nitroso-di-n-propylamine	2	0.0898	U
86-30-6	N-Nitrosodiphenylamine	2	0.0898	U
87-86-5	Pentachlorophenol	2	0.0898	U
108-95-2	Phenol	2	0.0898	U
129-00-0	Pyrene	2	0.253	D
110-86-1	Pyridine	2	0.360 UJ	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.79	1.03	57.7	20 - 108	
SURR: Phenol-d5	1.79	0.972	54.2	23 - 114	

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB024 (13-15)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0306
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	22H0306-01RE1	File ID:	E20009504.D
Sampled:	08/03/22 08:45	Prepared:	08/09/22 08:01	Analyzed:	08/10/22 12:39
Solids:	92.60	Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL
Batch:	BH20510	Sequence:	Y2H1043	Calibration:	YF20019
Instrument:	BNA#2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
85-01-8	Phenanthrene	10	3.89	D

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.79	0.850	47.4	20 - 108	
SURR: Phenol-d5	1.79	0.779	43.4	23 - 114	
SURR: Nitrobenzene-d5	0.897	1.24	138	22 - 108	*
SURR: 2-Fluorobiphenyl	0.897	0.560	62.4	21 - 113	
SURR: 2,4,6-Tribromophenol	1.79	1.11	61.8	19 - 110	
SURR: Terphenyl-d14	0.897	0.563	62.8	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1532030	5.534	1436199	5.532	
ISTD: Naphthalene-d8	7632071	6.477	7203990	6.476	
ISTD: Acenaphthene-d10	5522518	8.176	4377861	8.174	
ISTD: Phenanthrene-d10	10403350	10.357	8895496	10.354	
ISTD: Chrysene-d12	10857000	15.959	9909748	15.958	
ISTD: Perylene-d12	11816910	19.109	10731780	19.107	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB024 (13-15)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0306
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	22H0306-01RE2	File ID:	E20009508.D
Sampled:	08/03/22 08:45	Prepared:	08/09/22 08:01	Analyzed:	08/10/22 16:10
Solids:	92.60	Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL
Batch:	BH20510	Sequence:	Y2H1043	Calibration:	YF20019
Instrument:	BNA#2				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
90-12-0	1-Methylnaphthalene	25	16.7	D
91-57-6	2-Methylnaphthalene	25	16.2	D

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	1.79	0.682	38.0	20 - 108	D
SURR: Phenol-d5	1.79	0.565	31.5	23 - 114	D
SURR: Nitrobenzene-d5	0.897	1.12	125	22 - 108	D
SURR: 2-Fluorobiphenyl	0.897	0.556	62.0	21 - 113	D
SURR: 2,4,6-Tribromophenol	1.79	0.00		19 - 110	D
SURR: Terphenyl-d14	0.897	0.538	60.0	24 - 116	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1429469	5.536	1436199	5.532	
ISTD: Naphthalene-d8	6770342	6.481	7203990	6.476	
ISTD: Acenaphthene-d10	4643990	8.181	4377861	8.174	
ISTD: Phenanthrene-d10	9343052	10.363	8895496	10.354	
ISTD: Chrysene-d12	10491640	15.968	9909748	15.958	
ISTD: Perylene-d12	11244700	19.117	10731780	19.107	

* Values outside of QC limits

York Analytical Laboratories, Inc.
SDG: 22H0306
CLASS: PEST
METHOD: EPA 8081B

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306

Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/22/2022
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB024 (13-15)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0306
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	22H0306-01	File ID:	P60029113.D
Sampled:	08/03/22 08:45	Prepared:	08/10/22 08:11	Analyzed:	08/11/22 06:28
Solids:	92.60	Preparation:	EPA 3550C	Initial/Final:	30.4 g / 10 mL
Batch:	BH20590	Sequence:	Y2H1104	Calibration:	YG20022
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00176	U
72-55-9	4,4'-DDE	5	0.00176	U
50-29-3	4,4'-DDT	5	0.00176	U
309-00-2	Aldrin	5	0.00176	U
319-84-6	alpha-BHC	5	0.00176	U
5103-71-9	alpha-Chlordane	5	0.00176	U
319-85-7	beta-BHC	5	0.00176	U
319-86-8	delta-BHC	5	0.00176	U
60-57-1	Dieldrin	5	0.00176	U
959-98-8	Endosulfan I	5	0.00176	U
33213-65-9	Endosulfan II	5	0.00176	U
1031-07-8	Endosulfan sulfate	5	0.00176	U
72-20-8	Endrin	5	0.00176	U
7421-93-4	Endrin aldehyde	5	0.00176	U
53494-70-5	Endrin ketone	5	0.00176	U
58-89-9	gamma-BHC (Lindane)	5	0.00176	U
5566-34-7	gamma-Chlordane	5	0.00176	U
76-44-8	Heptachlor	5	0.00176	U
1024-57-3	Heptachlor epoxide	5	0.00176	U
72-43-5	Methoxychlor	5	0.00176 UJ	U
8001-35-2	Toxaphene	5	0.176	U
12789-03-6	Chlordane, total	5	0.0352	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0711	0.0345	48.6	30 - 150	
Tetrachloro-m-xylene	0.0711	0.0246	34.6	30 - 150	

* Values outside of QC limits

MKP 9/1/2022

York Analytical Laboratories, Inc.

SDG: 22H0306

CLASS: ARO

METHOD: EPA 8082A

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/22/2022 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB024 (13-15)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0306
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	22H0306-01	File ID:	P1104176.D
Sampled:	08/03/22 08:45	Prepared:	08/10/22 08:11	Analyzed:	08/11/22 01:42
Solids:	92.60	Preparation:	EPA 3550C	Initial/Final:	30.4 g / 10 mL
Batch:	BH20590	Sequence:	Y2H1040	Calibration:	YF20016
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0178	U
11104-28-2	Aroclor 1221	1	0.0178	U
11141-16-5	Aroclor 1232	1	0.0178	U
53469-21-9	Aroclor 1242	1	0.0178	U
12672-29-6	Aroclor 1248	1	0.0178	U
11097-69-1	Aroclor 1254	1	0.0178	U
11096-82-5	Aroclor 1260	1	0.0178	U
1336-36-3	Total PCBs	1	0.0178	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0711	0.0274	38.5	30 - 120	
Decachlorobiphenyl	0.0711	0.0387	54.5	30 - 120	

* Values outside of QC limits

York Analytical Laboratories, Inc.
SDG: 22H0306
CLASS: METALS
METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/22/2022 Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID: QBI080922ARE_1-104

Sampled: 08/03/22 08:45 Prepared: 08/05/22 13:02 Analyzed: 08/09/22 17:56

Solids: 92.60 Preparation: EPA 3050B Initial/Final: 0.57 g / 50 mL

Batch: BH20390 Sequence: Y2H1023 Calibration: 08/09/22 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7429-90-5	Aluminum	4750	1		EPA 6010D
7440-36-0	Antimony	2.84 UJ	1	U	EPA 6010D
7440-38-2	Arsenic	1.71	1	U	EPA 6010D
7440-39-3	Barium	18.1	1		EPA 6010D
7440-41-7	Beryllium	0.057	1	U	EPA 6010D
7440-43-9	Cadmium	0.341	1	U	EPA 6010D
7440-70-2	Calcium	821 J-	1		EPA 6010D
7440-47-3	Chromium	8.22	1		EPA 6010D
7440-48-4	Cobalt	4.66	1		EPA 6010D
7440-50-8	Copper	7.31	1		EPA 6010D
7439-89-6	Iron	10400	1		EPA 6010D
7439-92-1	Lead	8.23	1		EPA 6010D
7439-95-4	Magnesium	1570	1		EPA 6010D
7439-96-5	Manganese	345	1		EPA 6010D
7440-02-0	Nickel	13.8	1		EPA 6010D
7440-09-7	Potassium	625 J-	1		EPA 6010D
7782-49-2	Selenium	2.84	1	U	EPA 6010D
7440-22-4	Silver	0.568	1	U	EPA 6010D
7440-23-5	Sodium	56.8 UJ	1	U	EPA 6010D
7440-28-0	Thallium	2.84	1	U	EPA 6010D
7440-62-2	Vanadium	11.8	1		EPA 6010D
7440-66-6	Zinc	22.2	1		EPA 6010D

MKP 9/1/2022

York Analytical Laboratories, Inc.

SDG: 22H0306

CLASS: HG

METHOD: EPA 7473

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/22/2022 Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID: QBHg-DMA80-02 081122a-023

Sampled: 08/03/22 08:45 Prepared: 08/11/22 09:05 Analyzed: 08/11/22 12:15

Solids: 92.60 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BH20686 Sequence: Y2H1148 Calibration: 08/11/22 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0324	1	U	EPA 7473

York Analytical Laboratories, Inc.
SDG: 22H0306
CLASS: WET
METHOD: Calculation

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

Calculation

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/22/2022
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID:

Sampled: 08/03/22 08:45 Prepared: 08/11/22 16:24 Analyzed: 08/12/22 13:12

Solids: 92.60 Preparation: Analysis Preparation Initial/Final: 2.5 g / 100 mL

Batch: BH20742 Sequence: Calibration: 08/12/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	8.22	1		Calculation

York Analytical Laboratories, Inc.

SDG: 22H0306

CLASS: WET

METHOD: EPA 7196A

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 7196A

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306

Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/22/2022
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID:

Sampled: 08/03/22 08:45 Prepared: 08/11/22 09:39 Analyzed: 08/11/22 16:58

Solids: 92.60 Preparation: EPA SW846-3060 Initial/Final: 2.5 g / 100 mL

Batch: BH20691 Sequence: Calibration: 08/11/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.540	1	U	EPA 7196A

York Analytical Laboratories, Inc.

SDG: 22H0306

CLASS: WET

METHOD: SM 2540G

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

SM 2540G

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (13-15)	22H0306-01
SB024 (15-17)	22H0306-02
SB017 (5-7)	22H0306-03

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/22/2022
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB024 (13-15)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0306-01 File ID:

Sampled: 08/03/22 08:45 Prepared: 08/11/22 13:47 Analyzed: 08/11/22 15:34

Solids: 92.60 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BH20728 Sequence: Calibration: 08/11/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	92.6	1		SM 2540G

Appendix B

Laboratory QC Documentation

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0306

Client: P.W. Grosser Consulting Project: TOT2202/2101

Sequence: Y2H0912 Instrument: QVOA4

Calibration: YH20003

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BH20260-BS1)			Lab File ID: QV427360.D		Analyzed: 08/08/22 10:29			
SURR: 1,2-Dichloroethane-d4	50.0	102	77 - 125	4.591	4.590167	0.0008	+/-1.00	
SURR: Toluene-d8	50.0	99.6	85 - 120	6.36	6.359	0.0010	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	101	76 - 130	9.101	9.101167	-0.0002	+/-1.00	
LCS Dup (BH20260-BSD1)			Lab File ID: QV427361.D		Analyzed: 08/08/22 10:57			
SURR: 1,2-Dichloroethane-d4	50.0	100	77 - 125	4.591	4.590167	0.0008	+/-1.00	
SURR: Toluene-d8	50.0	98.6	85 - 120	6.36	6.359	0.0010	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	100	76 - 130	9.101	9.101167	-0.0002	+/-1.00	
Blank (BH20260-BLK1)			Lab File ID: QV427362.D		Analyzed: 08/08/22 11:26			
SURR: 1,2-Dichloroethane-d4	50.0	104	77 - 125	4.588	4.590167	-0.0022	+/-1.00	
SURR: Toluene-d8	50.0	97.2	85 - 120	6.36	6.359	0.0010	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	97.8	76 - 130	9.104	9.101167	0.0028	+/-1.00	
SB024 (13-15) (22H0306-01)			Lab File ID: QV427374.D		Analyzed: 08/08/22 17:37			
SURR: 1,2-Dichloroethane-d4	50.0	113	77 - 125	4.593	4.590167	0.0028	+/-1.00	
SURR: Toluene-d8	50.0	94.4	85 - 120	6.363	6.359	0.0040	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	233	76 - 130	9.106	9.101167	0.0048	+/-1.00	*
SB024 (15-17) (22H0306-02)			Lab File ID: QV427375.D		Analyzed: 08/08/22 18:09			
SURR: 1,2-Dichloroethane-d4	50.0	109	77 - 125	4.591	4.590167	0.0008	+/-1.00	
SURR: Toluene-d8	50.0	96.3	85 - 120	6.36	6.359	0.0010	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	105	76 - 130	9.101	9.101167	-0.0002	+/-1.00	
SB017 (5-7) (22H0306-03)			Lab File ID: QV427376.D		Analyzed: 08/08/22 18:41			
SURR: 1,2-Dichloroethane-d4	50.0	107	77 - 125	4.591	4.590167	0.0008	+/-1.00	
SURR: Toluene-d8	50.0	95.0	85 - 120	6.36	6.359	0.0010	+/-1.00	
SURR: p-Bromofluorobenzene	50.0	94.8	76 - 130	9.101	9.101167	-0.0002	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Soil		
Batch:	BH20260	Laboratory ID:	BH20260-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene	50.0	53.1	106	3.14	30	85 - 125
sec-Butylbenzene	50.0	52.4	105	3.41	30	83 - 125
Styrene	50.0	53.0	106	3.53	30	86 - 126
tert-Butyl alcohol (TBA)	250	334	134 *	3.25	30	70 - 130
tert-Butylbenzene	50.0	53.1	106	3.47	30	80 - 127
Tetrachloroethylene	50.0	47.3	94.6	2.66	30	80 - 129
Toluene	50.0	51.0	102	3.07	30	85 - 121
trans-1,2-Dichloroethylene	50.0	52.9	106	5.69	30	72 - 132
trans-1,3-Dichloropropylene	50.0	49.4	98.9	3.29	30	78 - 132
Trichloroethylene	50.0	52.5	105	2.66	30	84 - 123
Trichlorofluoromethane	50.0	58.5	117	3.07	30	62 - 140
Vinyl acetate	50.0	48.7	97.4	5.23	30	67 - 136
Vinyl Chloride	50.0	63.1	126	4.82	30	52 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YH20003
Instrument: QVOA4
Calibration Date: 08/03/22 14:52

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.1899492	11.78312	7.968	1.694259E-02			20	
1,1,1-Trichloroethane	1.30894	8.129874	4.2495	4.259469E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.6138029	8.630281	9.3185	1.049702E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.5529347	6.68421	2.212833	5.816802E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1978834	5.803055	6.892667	2.338271E-02			SPCC (0.1)	
1,1-Dichloroethane	1.941931	4.563085	3.306	4.369793E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.244805	4.336415	2.2355	7.526482E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.272022	6.444671	4.399833	0.0273379			20	
1,2,3-Trichlorobenzene	0.6694077	6.983504	13.172	2.353903E-02			20	
1,2,3-Trichloropropane	0.1851933	9.364132	9.3515	2.335398E-02			20	
1,2,4,5-Tetramethylbenzene	2.135281	10.55766	11.618	4.626374E-03			20	
1,2,4-Trichlorobenzene	0.7226766	7.285658	12.61333	1.565544E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.30968	7.016021	9.961	0.0113966			20	
1,2-Dibromo-3-chloropropane	0.1197491	25.85661	11.72217	2.400081E-02		0.9986258	SPCC (0.05)	
1,2-Dibromoethane	0.1892684	8.208185	7.39	0.0377521			SPCC (0.1)	
1,2-Dichlorobenzene	0.9906665	4.762022	10.809	1.686873E-02			SPCC (0.4)	
1,2-Dichloroethane	1.437648	7.245575	4.6625	2.978323E-02			SPCC (0.1)	
1,2-Dichloropropane	0.3084479	6.299688	5.434333	5.214527E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.409034	6.842137	9.545833	1.349592E-02			20	
1,3-Dichlorobenzene	1.050122	5.605618	10.288	1.358318E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3642134	7.424881	7.052	2.133946E-02			20	
1,4-Dichlorobenzene	1.05821	5.56926	10.392	1.296057E-02			SPCC (0.5)	
1,4-Dioxane	4.272913E-03	8.859652	5.593833	0.1098908			20	
2,2-Dichloropropane	0.9723495	14.73788	3.8025	2.999282E-02			20	
2-Butanone	0.1113773	7.249248	3.883333	0.1419622			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1163593	16.81509	6.0055	3.225944E-02			20	
2-Chlorotoluene	2.34961	5.176863	9.457333	2.200547E-02			20	
2-Hexanone	0.3090601	16.38356	7.131667	4.572912E-02			SPCC (0.1)	
4-Chlorotoluene	2.2294	8.378679	9.5815	2.064844E-02			20	
4-Methyl-2-pentanone	0.406439	13.96476	6.290333	3.340552E-02			SPCC (0.1)	
Acetone	0.5241253	6.769913	2.354167	9.117852E-02			SPCC (0.1)	
Acrolein	0.1346697	8.001137	2.206667	0.1247223			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0306

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YH20003 **Laboratory ID:** Y2H0415-SCV1

Sequence: Y2H0415 **Standard ID:** Y22G207

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Methylcyclohexane	50.0	50.8	1.7	30.00
Methylene chloride	50.0	50.9	1.9	30.00
n-Butylbenzene	50.0	53.9	7.9	30.00
n-Propylbenzene	50.0	56.2	12.5	30.00
o-Xylene	50.0	58.3	16.6	30.00
p- & m- Xylenes	100	113	13.3	30.00
p-Isopropyltoluene	50.0	57.1	14.2	30.00
sec-Butylbenzene	50.0	57.7	15.4	30.00
Styrene	50.0	55.1	10.2	30.00
tert-Butyl alcohol (TBA)	250	350	39.9 *	30.00
tert-Butylbenzene	50.0	57.9	15.8	30.00
Tetrachloroethylene	50.0	50.2	0.4	30.00
Toluene	50.0	54.2	8.5	30.00
trans-1,2-Dichloroethylene	50.0	53.3	6.6	30.00
trans-1,3-Dichloropropylene	50.0	56.9	13.9	30.00
Trichloroethylene	50.0	56.3	12.6	30.00
Trichlorofluoromethane	50.0	54.7	9.3	30.00
Vinyl acetate	50.0	41.9	-16.1	30.00
Vinyl Chloride	50.0	55.2	10.5	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA4	Calibration:	YH20003
Lab File ID:	QV427359.D	Calibration Date:	08/03/22 14:52
Sequence:	Y2H0912	Injection Date:	08/08/22
Lab Sample ID:	Y2H0912-CCV1	Injection Time:	09:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	54.2	0.1899492	0.2058876		8.4	20	
1,1,1-Trichloroethane	A	50.0	52.6	1.30894	1.37594	0.1	5.1	20	
1,1,2,2-Tetrachloroethane	A	50.0	50.1	0.6138029	0.6148216	0.3	0.2	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	51.0	0.5529347	0.5645946	0.1	2.1	20	
1,1,2-Trichloroethane	A	50.0	52.3	0.1978834	0.2070962	0.1	4.7	20	
1,1-Dichloroethane	A	50.0	50.0	1.941931	1.940864	0.2	-0.05	20	
1,1-Dichloroethylene	A	50.0	49.3	1.244805	1.227694	0.1	-1.4	20	
1,1-Dichloropropylene	A	50.0	50.8	1.272022	1.29195		1.6	20	
1,2,3-Trichlorobenzene	A	50.0	50.4	0.6694077	0.6741406		0.7	20	
1,2,3-Trichloropropane	A	50.0	50.5	0.1851933	0.1868962		0.9	20	
1,2,4-Trichlorobenzene	A	50.0	51.6	0.7226766	0.7454556	0.2	3.2	20	
1,2,4-Trimethylbenzene	A	50.0	49.4	2.30968	2.282072		-1.2	20	
1,2-Dibromo-3-chloropropane	A	50.0	47.7	0.1197491	0.1302227	0.05	-4.6	20	
1,2-Dibromoethane	A	50.0	51.9	0.1892684	0.196389	0.1	3.8	20	
1,2-Dichlorobenzene	A	50.0	47.9	0.9906665	0.9496459	0.4	-4.1	20	
1,2-Dichloroethane	A	50.0	52.9	1.437648	1.520911	0.1	5.8	20	
1,2-Dichloropropane	A	50.0	49.4	0.3084479	0.3044956	0.1	-1.3	20	
1,3,5-Trimethylbenzene	A	50.0	48.8	2.409034	2.353848		-2.3	20	
1,3-Dichlorobenzene	A	50.0	49.5	1.050122	1.040186	0.6	-0.9	20	
1,3-Dichloropropane	A	50.0	51.2	0.3642134	0.3728484		2.4	20	
1,4-Dichlorobenzene	A	50.0	49.6	1.05821	1.050125	0.5	-0.8	20	
1,4-Dioxane	A	1000	926	4.272913E-03	3.955263E-03		-7.4	20	
2,2-Dichloropropane	A	50.0	54.6	0.9723495	1.060852		9.1	20	
2-Butanone	A	50.0	50.2	0.1113773	0.1117463	0.1	0.3	20	
2-Chlorotoluene	A	50.0	48.4	2.34961	2.271916		-3.3	20	
2-Hexanone	A	50.0	56.5	0.3090601	0.3493058	0.1	13.0	20	
4-Chlorotoluene	A	50.0	46.7	2.2294	2.080364		-6.7	20	
4-Methyl-2-pentanone	A	50.0	51.2	0.406439	0.4160058	0.1	2.4	20	
Acetone	A	50.0	86.5	0.5241253	0.906919	0.1	73.0	20	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Soil		
Batch:	BH20510	Laboratory ID:	BH20510-BS1
Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.831	0.779	93.8	10 - 141
Acenaphthene	0.831	0.795	95.8	30 - 121
Acenaphthylene	0.831	0.725	87.2	30 - 115
Acetophenone	0.831	0.835	101	20 - 112
Aniline	0.831	0.591	71.2	10 - 119
Anthracene	0.831	0.859	103	34 - 118
Atrazine	0.831	0.965	116 *	26 - 112
Benzaldehyde	0.831	0.699	84.2	21 - 100
Benzo(a)anthracene	0.831	0.854	103	32 - 122
Benzo(a)pyrene	0.831	0.832	100	29 - 133
Benzo(b)fluoranthene	0.831	0.847	102	25 - 133
Benzo(g,h,i)perylene	0.831	0.877	106	10 - 143
Benzo(k)fluoranthene	0.831	0.846	102	25 - 128
Benzoic acid	0.831	0.311	37.5	10 - 140
Benzyl alcohol	0.831	0.751	90.4	30 - 115
Benzyl butyl phthalate	0.831	0.837	101	26 - 126
Bis(2-chloroethoxy)methane	0.831	0.725	87.3	19 - 132
Bis(2-chloroethyl)ether	0.831	0.687	82.7	19 - 125
Bis(2-chloroisopropyl)ether	0.831	0.417	50.2	20 - 135
Bis(2-ethylhexyl)phthalate	0.831	0.939	113	10 - 155
Caprolactam	0.831	0.776	93.4	10 - 127
Carbazole	0.831	0.857	103	35 - 123
Chrysene	0.831	0.834	100	32 - 123
Dibenzo(a,h)anthracene	0.831	0.938	113	10 - 136
Dibenzofuran	0.831	0.775	93.4	29 - 121
Diethyl phthalate	0.831	0.829	99.8	34 - 116
Dimethyl phthalate	0.831	0.796	95.8	35 - 124
Di-n-butyl phthalate	0.831	0.834	100	31 - 116
Di-n-octyl phthalate	0.831	1.02	123	26 - 136
Fluoranthene	0.831	0.862	104	33 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Soil		
Batch:	BH20510	Laboratory ID:	BH20510-BS1
Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.770	92.8	29 - 123
Hexachlorobenzene	0.831	0.794	95.6	21 - 124
Hexachlorobutadiene	0.831	0.867	104	10 - 149
Hexachlorocyclopentadiene	0.831	0.450	54.2	10 - 129
Hexachloroethane	0.831	0.720	86.7	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	1.16	140 *	10 - 135
Isophorone	0.831	0.758	91.3	20 - 132
Naphthalene	0.831	0.752	90.5	23 - 124
Nitrobenzene	0.831	0.819	98.6	13 - 132
N-Nitrosodimethylamine	0.831	0.579	69.7	11 - 129
N-nitroso-di-n-propylamine	0.831	0.754	90.8	24 - 119
N-Nitrosodiphenylamine	0.831	0.943	113	22 - 152
Pentachlorophenol	0.831	0.552	66.5	10 - 139
Phenanthrene	0.831	0.824	99.2	33 - 123
Phenol	0.831	0.770	92.7	23 - 115
Pyrene	0.831	0.758	91.2	24 - 130
Pyridine	0.831	0.512	61.6	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0306
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	BH20510-BLK1	File ID:	SV642499.D
Prepared:	08/09/22 08:01	Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL
Analyzed:	08/09/22 16:05	Instrument:	BNA#6		
Batch:	BH20510	Sequence:	Y2H1207	Calibration:	YF20018

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
100-02-7	4-Nitrophenol	0.0830	U
83-32-9	Acenaphthene	0.0416	U
208-96-8	Acenaphthylene	0.0416	U
98-86-2	Acetophenone	0.0416	U
62-53-3	Aniline	0.166	U
120-12-7	Anthracene	0.0416	U
1912-24-9	Atrazine	0.0416	U
100-52-7	Benzaldehyde	0.0416	U
92-87-5	Benzidine	0.166	U
56-55-3	Benzo(a)anthracene	0.0416	U
50-32-8	Benzo(a)pyrene	0.0416	U
205-99-2	Benzo(b)fluoranthene	0.0416	U
191-24-2	Benzo(g,h,i)perylene	0.0416	U
207-08-9	Benzo(k)fluoranthene	0.0416	U
65-85-0	Benzoic acid	0.0416	U
100-51-6	Benzyl alcohol	0.0416	U
85-68-7	Benzyl butyl phthalate	0.0416	U
111-91-1	Bis(2-chloroethoxy)methane	0.0416	U
111-44-4	Bis(2-chloroethyl)ether	0.0416	U
108-60-1	Bis(2-chloroisopropyl)ether	0.0416	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.0282	J
105-60-2	Caprolactam	0.0830	U
86-74-8	Carbazole	0.0416	U
218-01-9	Chrysene	0.0416	U
53-70-3	Dibenzo(a,h)anthracene	0.0416	U
132-64-9	Dibenzofuran	0.0416	U
84-66-2	Diethyl phthalate	0.0416	U
131-11-3	Dimethyl phthalate	0.0416	U
84-74-2	Di-n-butyl phthalate	0.0416	U
117-84-0	Di-n-octyl phthalate	0.0416	U

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20007
Instrument: BNA #1
Calibration Date: 07/07/22 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5985215	7.367936	6.387625	1.534432E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6742625	4.220204	6.178	0.0174964			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.3456674	10.74503	5.469	1.062047E-02			20	
1,2-Dichlorobenzene	1.43436	7.686735	4.6775	5.785082E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.8436801	7.41165	7.66225	4.206236E-02			20	
1,3-Dichlorobenzene	1.507611	6.301073	4.481	1.583478E-02			20	
1,4-Dichlorobenzene	1.535972	6.540418	4.51175	0.4207349			20	
1-Methylnaphthalene	0.5892745	6.928129	6.08125	0.6625011			20	
2,3,4,6-Tetrachlorophenol	0.1458121	18.5965	7.283625	3.233424E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4094337	12.45061	6.289	6.142179E-03			SPCC (0.2)	
2,4,6-Trichlorophenol	0.352054	14.10726	6.26	6.186297E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2891169	6.41048	5.40575	4.023129E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2775835	8.314134	5.2645	5.022642E-02			SPCC (0.2)	
2,4-Dinitrophenol	0.1003081	35.12534	7.00075	4.574546E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3592667	18.6556	7.15575	2.641098E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.273378	15.14826	6.76875	4.648378E-02			SPCC (0.2)	
2-Chloronaphthalene	1.164805	4.538653	6.401572	0.0536428			SPCC (0.8)	
2-Chlorophenol	1.252241	8.548428	4.365	1.439812E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6847136	6.687667	6.0165	2.893956E-02			SPCC (0.4)	
2-Methylphenol	1.059063	10.2859	4.7585	5.824913E-02			SPCC (0.7)	
2-Nitroaniline	0.3379668	13.01331	6.524	4.873156E-02			SPCC (0.01)	
2-Nitrophenol	0.1532153	9.657318	5.237	1.351543E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.584299	7.309825	4.8695	5.543036E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5086919	7.1374	13.97538	2.550421E-02			SPCC (0.01)	
3-Nitroaniline	0.2931981	14.77206	6.902	4.541524E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.0858997	35.60093	7.60725	0.0657368			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2339282	6.051002	8.086375	4.077183E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3184427	7.130615	5.919125	5.137132E-02			SPCC (0.2)	
4-Chloroaniline	0.420972	5.400491	5.57475	3.959921E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.7629237	5.871262	7.47775	4.320558E-02			SPCC (0.4)	
4-Nitroaniline	0.2935505	14.38582	7.5665	8.686716E-02			SPCC (0.01)	
4-Nitrophenol	0.2513064	40.10624	7.05875	0.2594605			SPCC (0.01)	*

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20007
Instrument: BNA #1
Calibration Date: 07/07/22 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.076385	7.491012	6.951	1.905154E-02			SPCC (0.9)	
Acenaphthylene	1.901986	8.266645	6.77625	2.496091E-02			SPCC (0.9)	
Acetophenone	1.97578	6.344743	4.8605	5.466557E-02			SPCC (0.01)	
Alpha Terpineol	0.2647736	6.84625	5.504	1.001501E-02			20	
Aniline	1.902435	7.897032	4.28025	7.251067E-02			SPCC ()	
Anthracene	1.018539	7.137671	8.829	4.195268E-02			SPCC (0.7)	
Atrazine	0.21785	6.489274	8.388125	6.872757E-02			SPCC (0.01)	
Benzaldehyde	1.060846	10.98715	4.15525	4.922379E-02			SPCC (0.01)	
Benzidine	0.5190511	8.253016	11.21325	2.875911E-02			20	
Benzo(a)anthracene	1.290164	7.675332	13.8845	3.167003E-02			SPCC (0.8)	
Benzo(a)pyrene	1.074407	9.528466	16.83975	4.698589E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.191301	8.24454	16.24413	0.1036171			SPCC (0.7)	
Benzo(g,h,i)perylene	1.058446	9.265756	19.33487	6.035699E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.189521	8.262242	16.25713	5.712862E-02			SPCC (0.7)	
Benzoic acid	0.1490907	40.26919	5.34275	0.4678997			20	*
Benzyl alcohol	0.8334749	7.543464	4.6515	6.110774E-02			20	
Benzyl butyl phthalate	0.5319622	15.59038	12.9355	3.510088E-02			20	
Bis(2-chloroethoxy)methane	0.3875835	7.510944	5.336	1.944822E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.205735	6.867378	4.33825	7.208094E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.9202967	8.92644	4.772	1.100883E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6792424	17.72973	14.34525	2.276981E-02			20	
Caprolactam	0.0826291	34.91265	5.82325	0.4238253			SPCC (0.01)	*
Carbazole	0.8963062	7.648845	9.11225	5.383284E-02			SPCC (0.01)	
Chrysene	1.301358	6.58675	13.979	3.886139E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.049658	11.6243	18.96163	4.329406E-02			SPCC (0.4)	
Dibenzofuran	1.701248	8.290496	7.108	1.771333E-02			SPCC (0.8)	
Diethyl phthalate	1.357522	9.58408	7.40875	5.144683E-02			SPCC (0.01)	
Dimethyl phthalate	1.352305	7.118627	6.695625	0.0176629			SPCC (0.01)	
Di-n-butyl phthalate	1.102749	8.937052	9.85325	3.058788E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.038819	21.62059	15.69125	1.497271E-02			SPCC (0.01)	*
Diphenylamine	0.5256314	6.177463	7.631	5.943832E-02			20	
Fluoranthene	1.189416	7.860952	10.86038	3.927979E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20007
Instrument: BNA #1
Calibration Date: 07/07/22 00:57

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.409993	8.021292	7.483	4.234674E-02			SPCC (0.9)	
Hexachlorobenzene	0.1074047	7.013403	8.2865	3.680965E-02			SPCC (0.1)	
Hexachlorobutadiene	0.2352682	9.031768	5.644	9.927811E-03			SPCC (0.01)	
Hexachlorocyclopentadiene	0.4546418	8.881892	6.19	1.044587E-02			SPCC (0.05)	
Hexachloroethane	0.6504131	6.669263	4.91275	5.367156E-02			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.013976	10.31622	18.96087	0.7749487			SPCC (0.5)	
Isophorone	0.6897014	7.810685	5.16475	6.198762E-02			SPCC (0.4)	
Naphthalene	0.9962444	7.86715	5.51525	4.024565E-02			SPCC (0.7)	
Nitrobenzene	0.4143181	8.624935	4.993	1.646678E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.7890264	9.232099	1.696143	0.1673284			20	
N-nitroso-di-n-propylamine	1.115196	6.149587	4.8835	5.537447E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.1895819	6.440048	7.63025	5.100209E-02			SPCC (0.01)	
Parathion	0.1171893	28.8296	10.17975	2.605968E-02			20	* NT
Pentachloronitrobenzene	9.857295E-02	13.36788	8.6735	3.365423E-02			20	
Pentachlorophenol	0.1118801	24.04651	8.55075	2.464697E-02			SPCC (0.05)	*
Phenanthrene	1.066623	7.730737	8.7645	4.879761E-02			SPCC (0.7)	
Phenol	1.717795	8.182163	4.2825	9.942913E-02			SPCC (0.8)	
Pyrene	1.44264	7.821772	11.294	5.148084E-02			SPCC (0.6)	
Pyridine	1.34607	7.156031	1.688571	0.279842			20	
SURR: 2,4,6-Tribromophenol	8.672202E-02	14.45516	7.802125	3.919311E-02			20	
SURR: 2-Fluorobiphenyl	1.364931	6.148202	6.31575	5.060138E-02			20	
SURR: 2-Fluorophenol	1.156759	7.580959	3.37775	6.475953E-02			20	
SURR: Nitrobenzene-d5	0.4110114	6.687346	4.981	1.537434E-02			20	
SURR: Phenol-d5	1.542897	8.149928	4.2735	6.575074E-02			20	
SURR: Terphenyl-d14	1.071812	8.36678	11.71912	2.517387E-02			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0306

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YG20007 **Laboratory ID:** Y2G0834-SCV1

Sequence: Y2G0834 **Standard ID:** Y22C335

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	44.2	47.4 *	30.00
1,2-Dichlorobenzene	30.0	35.1	17.0	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	24.4	-18.6	30.00
1,3-Dichlorobenzene	30.0	36.6	22.2	30.00
1,4-Dichlorobenzene	30.0	35.4	17.9	30.00
1-Methylnaphthalene	30.0	50.0	66.8 *	30.00
2,3,4,6-Tetrachlorophenol	30.0	37.1	23.6	30.00
2,4,5-Trichlorophenol	30.0	41.5	38.3 *	30.00
2,4,6-Trichlorophenol	30.0	39.7	32.2 *	30.00
2,4-Dichlorophenol	30.0	45.1	50.3 *	30.00
2,4-Dimethylphenol	30.0	50.2	67.4 *	30.00
2,4-Dinitrophenol	30.0	39.2	30.5 *	30.00
2,4-Dinitrotoluene	30.0	54.4	81.3 *	30.00
2,6-Dinitrotoluene	30.0	41.2	37.4 *	30.00
2-Chloronaphthalene	30.0	40.4	34.8 *	30.00
2-Chlorophenol	30.0	41.1	36.9 *	30.00
2-Methylnaphthalene	30.0	45.0	50.1 *	30.00
2-Methylphenol	30.0	35.6	18.7	30.00
2-Nitroaniline	30.0	53.0	76.6 *	30.00
2-Nitrophenol	30.0	46.8	56.0 *	30.00
3- & 4-Methylphenols	30.0	34.2	14.1	30.00
3-Nitroaniline	30.0	42.2	40.7 *	30.00
4,6-Dinitro-2-methylphenol	30.0	34.2	13.9	30.00
4-Bromophenyl phenyl ether	30.0	35.6	18.5	30.00
4-Chloro-3-methylphenol	30.0	49.7	65.7 *	30.00
4-Chloroaniline	30.0	40.9	36.5 *	30.00
4-Chlorophenyl phenyl ether	30.0	31.6	5.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0306

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YG20007 **Laboratory ID:** Y2G0834-SCV1

Sequence: Y2G0834 **Standard ID:** Y22C335

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
4-Nitroaniline	30.0	62.3	108 *	30.00
4-Nitrophenol	30.0	39.6	31.9 *	30.00
Acenaphthene	30.0	44.6	48.7 *	30.00
Acenaphthylene	30.0	37.4	24.8	30.00
Aniline	30.0	36.6	22.1	30.00
Anthracene	30.0	42.1	40.3 *	30.00
Benzo(a)anthracene	30.0	32.9	9.7	30.00
Benzo(a)pyrene	30.0	40.2	34.0 *	30.00
Benzo(b)fluoranthene	30.0	42.0	40.0 *	30.00
Benzo(g,h,i)perylene	30.0	46.8	56.1 *	30.00
Benzo(k)fluoranthene	30.0	45.1	50.2 *	30.00
Benzyl alcohol	30.0	39.8	32.8 *	30.00
Benzyl butyl phthalate	30.0	41.9	39.6 *	30.00
Bis(2-chloroethoxy)methane	30.0	46.9	56.4 *	30.00
Bis(2-chloroethyl)ether	30.0	37.3	24.3	30.00
Bis(2-chloroisopropyl)ether	30.0	27.1	-9.8	30.00
Bis(2-ethylhexyl)phthalate	30.0	47.9	59.8 *	30.00
Carbazole	30.0	45.6	52.0 *	30.00
Chrysene	30.0	28.9	-3.7	30.00
Cresols, total	60.0	69.8	16.4	30.00
Dibenzo(a,h)anthracene	30.0	43.3	44.3 *	30.00
Dibenzofuran	30.0	44.4	47.9 *	30.00
Diethyl phthalate	30.0	46.3	54.3 *	30.00
Dimethyl phthalate	30.0	45.8	52.7 *	30.00
Di-n-butyl phthalate	30.0	44.4	48.0 *	30.00
Di-n-octyl phthalate	30.0	48.3	61.0 *	30.00
Diphenylamine	30.0	46.7	55.6 *	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0306

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YG20007 **Laboratory ID:** Y2G0834-SCV1

Sequence: Y2G0834 **Standard ID:** Y22C335

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	36.2	20.8	30.00
Fluorene	30.0	35.9	19.7	30.00
Hexachlorobenzene	30.0	28.9	-3.7	30.00
Hexachlorobutadiene	30.0	36.6	22.1	30.00
Hexachlorocyclopentadiene	30.0	35.9	19.8	30.00
Hexachloroethane	30.0	27.4	-8.8	30.00
Indeno(1,2,3-cd)pyrene	30.0	40.4	34.8 *	30.00
Isophorone	30.0	45.4	51.2 *	30.00
Naphthalene	30.0	36.7	22.5	30.00
Nitrobenzene	30.0	36.1	20.3	30.00
N-Nitrosodimethylamine	30.0	3.33	-88.9 *	30.00
N-nitroso-di-n-propylamine	30.0	30.0	0.03	30.00
N-Nitrosodiphenylamine	30.0	49.8	65.9 *	30.00
Pentachlorophenol	30.0	33.3	11.1	30.00
Phenanthrene	30.0	40.5	34.9 *	30.00
Phenol	30.0	37.1	23.8	30.00
Pyrene	30.0	31.0	3.3	30.00
Pyridine	30.0	3.19	-89.4 *	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA #1	Calibration:	YG20007
Lab File ID:	BNA1016195.D	Calibration Date:	07/07/22 00:57
Sequence:	Y2H1045	Injection Date:	08/09/22
Lab Sample ID:	Y2H1045-CCV1	Injection Time:	13:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	28.5	0.7629237	0.7255184	0.4	-4.9	20	
4-Nitroaniline	A	30.0	29.9	0.2935505	0.2927857	0.01	-0.3	20	
4-Nitrophenol	A	30.0	28.8	0.2513064	0.2409861	0.01	-4.1	20	
Acenaphthene	A	30.0	28.8	1.076385	1.034734	0.9	-3.9	20	
Acenaphthylene	A	30.0	27.3	1.901986	1.728774	0.9	-9.1	20	
Acetophenone	A	30.0	25.2	1.97578	1.658216	0.01	-16.1	20	
Alpha Terpineol	A	30.0	19.4	0.2647736	0.1782302		-32.7	20	*
Aniline	A	30.0	27.8	1.902435	1.763205		-7.3	20	
Anthracene	A	30.0	29.3	1.018539	0.993705	0.7	-2.4	20	
Atrazine	A	30.0	28.2	0.21785	0.2051562	0.01	-5.8	20	
Benzaldehyde	A	30.0	28.5	1.060846	1.006667	0.01	-5.1	20	
Benzidine	A	30.0	29.3	0.5190511	0.5076928		-2.2	20	
Benzo(a)anthracene	A	30.0	27.6	1.290164	1.188781	0.8	-7.9	20	
Benzo(a)pyrene	A	30.0	31.9	1.074407	1.142544	0.7	6.3	20	
Benzo(b)fluoranthene	A	30.0	29.6	1.191301	1.175485	0.7	-1.3	20	
Benzo(g,h,i)perylene	A	30.0	33.7	1.058446	1.188205	0.5	12.3	20	
Benzo(k)fluoranthene	A	30.0	29.2	1.189521	1.159012	0.7	-2.6	20	
Benzoic acid	A	30.0	31.3	0.1490907	0.1556385		4.4	20	
Benzyl alcohol	A	30.0	28.2	0.8334749	0.782321		-6.1	20	
Benzyl butyl phthalate	A	30.0	27.1	0.5319622	0.4809844		-9.6	20	
Bis(2-chloroethoxy)methane	A	30.0	26.6	0.3875835	0.3439915	0.3	-11.2	20	
Bis(2-chloroethyl)ether	A	30.0	28.8	1.205735	1.156501	0.7	-4.1	20	
Bis(2-chloroisopropyl)ether	A	30.0	34.3	0.9202967	1.053051	0.01	14.4	20	
Bis(2-ethylhexyl)phthalate	A	30.0	28.6	0.6792424	0.6487609		-4.5	20	
Caprolactam	A	30.0	37.4	0.0826291	0.1028841	0.01	24.5	20	*
Carbazole	A	30.0	28.5	0.8963062	0.8511761	0.01	-5.0	20	
Chrysene	A	30.0	27.6	1.301358	1.198732	0.7	-7.9	20	
Dibenzo(a,h)anthracene	A	30.0	34.8	1.049658	1.217482	0.4	16.0	20	
Dibenzofuran	A	30.0	27.6	1.701248	1.565553	0.8	-8.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA #1	Calibration:	YG20007
Lab File ID:	BNA1016195.D	Calibration Date:	07/07/22 00:57
Sequence:	Y2H1045	Injection Date:	08/09/22
Lab Sample ID:	Y2H1045-CCV1	Injection Time:	13:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	25.3	1.357522	1.14622	0.01	-15.6	20	
Dimethyl phthalate	A	30.0	27.3	1.352305	1.228897	0.01	-9.1	20	
Di-n-butyl phthalate	A	30.0	26.9	1.102749	0.989389	0.01	-10.3	20	
Di-n-octyl phthalate	A	30.0	31.7	1.038819	1.096628	0.01	5.6	20	
Diphenylamine	A	30.0	29.0	0.5256314	0.5088803		-3.2	20	
Fluoranthene	A	30.0	27.8	1.189416	1.103486	0.6	-7.2	20	
Fluorene	A	30.0	28.0	1.409993	1.317145	0.9	-6.6	20	
Hexachlorobenzene	A	30.0	20.5	0.1074047	7.325852E-02	0.1	-31.8	20	*
Hexachlorobutadiene	A	30.0	27.3	0.2352682	0.214035	0.01	-9.0	20	
Hexachlorocyclopentadiene	A	30.0	13.1	0.4546418	0.1988573	0.05	-56.3	20	*
Hexachloroethane	A	30.0	24.3	0.6504131	0.5271214	0.3	-19.0	20	
Indeno(1,2,3-cd)pyrene	A	30.0	30.4	1.013976	1.027889	0.5	1.4	20	
Isophorone	A	30.0	26.5	0.6897014	0.6097052	0.4	-11.6	20	
Naphthalene	A	30.0	27.2	0.9962444	0.905017	0.7	-9.2	20	
Nitrobenzene	A	30.0	25.2	0.4143181	0.3474943	0.2	-16.1	20	
N-Nitrosodimethylamine	A	30.0	14.7	0.7890264	0.3894409		-50.6	20	*
N-nitroso-di-n-propylamine	A	30.0	26.4	1.115196	0.9818127	0.5	-12.0	20	
N-Nitrosodiphenylamine	A	30.0	28.4	0.1895819	0.1794759	0.01	-5.3	20	
Parathion	A	30.0	30.9	0.1171893	0.1208177		3.1	20	
Pentachloronitrobenzene	A	30.0	25.4	9.857295E-02	8.347885E-02		-15.3	20	
Pentachlorophenol	A	30.0	35.4	0.1118801	0.132091	0.05	18.1	20	
Phenanthrene	A	30.0	27.0	1.066623	0.9588135	0.7	-10.1	20	
Phenol	A	30.0	28.9	1.717795	1.656015	0.8	-3.6	20	
Pyrene	A	30.0	27.6	1.44264	1.327957	0.6	-7.9	20	
Pyridine	A	30.0	18.7	1.34607	0.7397579		-45.0	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0306
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	GCECD6	Calibration:	YG20022
Lab File ID:	P60029098.D	Calibration Date:	07/27/22 23:06
Sequence:	Y2H1104	Injection Date:	08/11/22
Lab Sample ID:	Y2H1104-CCV4	Injection Time:	01:59

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	44.4	3.974727E+07	2.921374E+07		-11.3	20	
gamma-BHC (Lindane)	A	50.0	48.6	3.143137E+07	2.878206E+07		-2.8	20	
gamma-BHC (Lindane) [2C]	A	50.0	48.7	5.079055E+07	4.26994E+07		-2.6	20	
gamma-Chlordane	A	50.0	49.9	3.20737E+07	2.81866E+07		-0.2	20	
gamma-Chlordane [2C]	A	50.0	47.3	4.552837E+07	3.578058E+07		-5.3	20	
Heptachlor	A	50.0	48.9	2.869145E+07	2.591558E+07		-2.2	20	
Heptachlor [2C]	A	50.0	46.6	4.404352E+07	3.585206E+07		-6.8	20	
Heptachlor epoxide	A	50.0	50.3	3.111983E+07	2.686458E+07		0.7	20	
Heptachlor epoxide [2C]	A	50.0	50.6	4.40185E+07	3.60867E+07		1.2	20	
Methoxychlor	A	50.0	35.3	7929348	5349962		-29.4	20	*
Methoxychlor [2C]	A	50.0	35.1	1.299541E+07	8069042		-29.9	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Matrix: Soil
Batch: BH20390
Laboratory ID: BH20390-SRM1
Preparation: EPA 3050B
Initial/Final: 0.5 g / 50 mL

ANALYTE	TRUE (ug/mL)	FOUND (ug/mL)	SRM % REC.	QC LIMITS REC.
Aluminum	101	89.5	88.6	39.5 - 118.8
Antimony	2.44	0.788	32.3	10 - 123
Arsenic	1.09	0.960	88.1	63.7 - 118.3
Barium	3.64	3.65	100	70.3 - 117
Beryllium	0.570	0.534	93.6	69.3 - 115.4
Cadmium	0.487	0.441	90.5	67.8 - 112.9
Calcium	51.9	49.1	94.7	66.3 - 116.6
Chromium	1.73	1.63	94.3	65.3 - 120.8
Cobalt	1.48	1.47	99.1	70.3 - 117.6
Copper	1.79	1.88	105	70.9 - 117.9
Iron	150	139	92.8	36.8 - 162.7
Lead	1.01	1.05	104	69.1 - 126.7
Magnesium	25.7	24.0	93.4	56.4 - 124.9
Manganese	3.70	3.73	101	72.2 - 119.2
Nickel	0.522	0.643	123 *	63.4 - 117.8
Potassium	24.2	19.8	81.7	49.6 - 118.6
Selenium	1.04	0.682	65.6	58.5 - 122.1
Silver	0.299	0.274	91.6	63.5 - 123.7
Sodium	1.61	6.64	412 *	30.1 - 139.1
Thallium	1.01	0.821	81.3	59.8 - 120.8
Vanadium	1.94	1.79	92.4	73.2 - 117
Zinc	4.31	3.98	92.3	74.9 - 121.1

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Instrument ID: WinLabICP
Project: TOT2202/2101
Sequence: Y2H1023
Calibration: 08/09/22 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BH20390-BLK1	Aluminum	-18.2	6.00	mg/kg wet		EPA 6010D
	Antimony	0.119	3.00	mg/kg wet		EPA 6010D
	Arsenic	0.155	1.80	mg/kg wet		EPA 6010D
	Barium	0.032	3.00	mg/kg wet		EPA 6010D
	Beryllium	0.044	0.060	mg/kg wet		EPA 6010D
	Cadmium	-0.052	0.360	mg/kg wet		EPA 6010D
	Calcium	-21.5	6.00	mg/kg wet		EPA 6010D
	Chromium	-0.093	0.600	mg/kg wet		EPA 6010D
	Cobalt	-0.061	0.480	mg/kg wet		EPA 6010D
	Copper	-1.30	2.40	mg/kg wet		EPA 6010D
	Iron	1.70	30.0	mg/kg wet		EPA 6010D
	Lead	0.031	0.600	mg/kg wet		EPA 6010D
	Magnesium	-2.07	6.00	mg/kg wet		EPA 6010D
	Manganese	0.015	0.600	mg/kg wet		EPA 6010D
	Nickel	-0.696	1.20	mg/kg wet		EPA 6010D
	Potassium	-73.6	6.00	mg/kg wet		EPA 6010D
	Selenium	0.348	3.00	mg/kg wet		EPA 6010D
	Silver	0.704	0.600	mg/kg wet	*	EPA 6010D
	Sodium	14.5	60.0	mg/kg wet		EPA 6010D
	Thallium	-0.207	3.00	mg/kg wet		EPA 6010D
	Vanadium	0.019	1.20	mg/kg wet		EPA 6010D
	Zinc	0.102	3.00	mg/kg wet		EPA 6010D
Y2H1023-CCBA	Aluminum	-0.015	0.060	ug/mL		EPA 6010D
	Antimony	-0.0007	0.030	ug/mL		EPA 6010D
	Arsenic	-0.0008	0.018	ug/mL		EPA 6010D
	Barium	0.0003	0.030	ug/mL		EPA 6010D
	Beryllium	0.00009	0.0006	ug/mL		EPA 6010D
	Cadmium	0.0002	0.004	ug/mL		EPA 6010D
	Calcium	0.035	0.060	ug/mL		EPA 6010D
	Chromium	-0.00006	0.006	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.005	ug/mL		EPA 6010D
	Copper	-0.00005	0.024	ug/mL		EPA 6010D
	Iron	0.006	0.300	ug/mL		EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/09/22
Control Limt: +/- 10.00%
Sequence: Y2H1023

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H1023-ICV1	Aluminum	10.0	9.61	96.1		ug/mL	EPA 6010D
	Antimony	0.250	0.265	106		ug/mL	EPA 6010D
	Arsenic	0.250	0.247	98.6		ug/mL	EPA 6010D
	Barium	10.0	9.71	97.1		ug/mL	EPA 6010D
	Beryllium	0.250	0.239	95.8		ug/mL	EPA 6010D
	Cadmium	0.125	0.118	94.4		ug/mL	EPA 6010D
	Calcium	25.0	23.5	94.1		ug/mL	EPA 6010D
	Chromium	1.00	0.959	95.9		ug/mL	EPA 6010D
	Cobalt	2.50	2.42	96.9		ug/mL	EPA 6010D
	Copper	1.25	1.22	97.9		ug/mL	EPA 6010D
	Iron	5.00	4.78	95.7		ug/mL	EPA 6010D
	Lead	0.250	0.247	98.9		ug/mL	EPA 6010D
	Magnesium	25.0	23.6	94.5		ug/mL	EPA 6010D
	Manganese	2.50	2.42	96.6		ug/mL	EPA 6010D
	Nickel	2.50	2.40	96.2		ug/mL	EPA 6010D
	Potassium	25.0	21.1	84.2	*	ug/mL	EPA 6010D
	Selenium	0.250	0.276	110		ug/mL	EPA 6010D
	Silver	1.25	1.22	97.9		ug/mL	EPA 6010D
	Sodium	25.0	23.0	91.9		ug/mL	EPA 6010D
	Thallium	0.250	0.254	102		ug/mL	EPA 6010D
	Vanadium	2.50	2.40	95.9		ug/mL	EPA 6010D
	Zinc	2.50	2.43	97.3		ug/mL	EPA 6010D
Y2H1023-CCV1	Aluminum	10.0	9.05	90.5		ug/mL	EPA 6010D
	Antimony	0.250	0.219	87.8	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.469	93.8		ug/mL	EPA 6010D
	Barium	10.0	9.34	93.4		ug/mL	EPA 6010D
	Beryllium	0.250	0.230	92.0		ug/mL	EPA 6010D
	Cadmium	0.250	0.236	94.5		ug/mL	EPA 6010D
	Calcium	25.0	22.2	88.7	*	ug/mL	EPA 6010D
	Chromium	1.00	0.918	91.8		ug/mL	EPA 6010D
	Cobalt	2.50	2.32	92.6		ug/mL	EPA 6010D
	Copper	1.25	1.16	92.5		ug/mL	EPA 6010D
	Iron	5.00	4.59	91.9		ug/mL	EPA 6010D
	Lead	0.500	0.471	94.1		ug/mL	EPA 6010D
	Magnesium	25.0	22.9	91.7		ug/mL	EPA 6010D
	Manganese	2.50	2.31	92.6		ug/mL	EPA 6010D
	Nickel	2.50	2.30	91.8		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/09/22
Control Limt: +/- 10.00%
Sequence: Y2H1023

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H1023-CCV1	Potassium	5.00	4.38	87.7	*	ug/mL	EPA 6010D
	Selenium	0.500	0.473	94.7		ug/mL	EPA 6010D
	Silver	1.25	1.19	94.8		ug/mL	EPA 6010D
	Sodium	25.0	21.6	86.6	*	ug/mL	EPA 6010D
	Thallium	0.500	0.466	93.2		ug/mL	EPA 6010D
	Vanadium	2.50	2.29	91.6		ug/mL	EPA 6010D
	Zinc	2.50	2.35	93.8		ug/mL	EPA 6010D
Y2H1023-CCV9	Aluminum	10.0	9.00	90.0		ug/mL	EPA 6010D
	Antimony	0.250	0.201	80.6	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.467	93.5		ug/mL	EPA 6010D
	Barium	10.0	9.41	94.1		ug/mL	EPA 6010D
	Beryllium	0.250	0.231	92.6		ug/mL	EPA 6010D
	Cadmium	0.250	0.234	93.7		ug/mL	EPA 6010D
	Calcium	25.0	22.2	88.7	*	ug/mL	EPA 6010D
	Chromium	1.00	0.912	91.2		ug/mL	EPA 6010D
	Cobalt	2.50	2.31	92.4		ug/mL	EPA 6010D
	Copper	1.25	1.15	91.9		ug/mL	EPA 6010D
	Iron	5.00	4.57	91.4		ug/mL	EPA 6010D
	Lead	0.500	0.473	94.5		ug/mL	EPA 6010D
	Magnesium	25.0	22.9	91.6		ug/mL	EPA 6010D
	Manganese	2.50	2.33	93.0		ug/mL	EPA 6010D
	Nickel	2.50	2.29	91.5		ug/mL	EPA 6010D
	Potassium	5.00	3.08	61.6	*	ug/mL	EPA 6010D
	Selenium	0.500	0.475	95.0		ug/mL	EPA 6010D
	Silver	1.25	1.18	94.5		ug/mL	EPA 6010D
	Sodium	25.0	21.4	85.5	*	ug/mL	EPA 6010D
	Thallium	0.500	0.466	93.2		ug/mL	EPA 6010D
	Vanadium	2.50	2.30	92.1		ug/mL	EPA 6010D
	Zinc	2.50	2.31	92.6		ug/mL	EPA 6010D
Y2H1023-CCVA	Aluminum	10.0	9.01	90.1		ug/mL	EPA 6010D
	Antimony	0.250	0.211	84.4	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.469	93.7		ug/mL	EPA 6010D
	Barium	10.0	9.25	92.5		ug/mL	EPA 6010D
	Beryllium	0.250	0.228	91.3		ug/mL	EPA 6010D
	Cadmium	0.250	0.235	94.1		ug/mL	EPA 6010D
	Calcium	25.0	22.2	89.0	*	ug/mL	EPA 6010D
	Chromium	1.00	0.912	91.2		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0306
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/09/22
Control Limt: +/- 10.00%
Sequence: Y2H1023

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H1023-CCVA	Cobalt	2.50	2.31	92.5		ug/mL	EPA 6010D
	Copper	1.25	1.15	91.8		ug/mL	EPA 6010D
	Iron	5.00	4.59	91.7		ug/mL	EPA 6010D
	Lead	0.500	0.476	95.2		ug/mL	EPA 6010D
	Magnesium	25.0	22.9	91.6		ug/mL	EPA 6010D
	Manganese	2.50	2.29	91.8		ug/mL	EPA 6010D
	Nickel	2.50	2.30	91.8		ug/mL	EPA 6010D
	Potassium	5.00	4.20	84.0	*	ug/mL	EPA 6010D
	Selenium	0.500	0.485	96.9		ug/mL	EPA 6010D
	Silver	1.25	1.18	94.0		ug/mL	EPA 6010D
	Sodium	25.0	21.6	86.2	*	ug/mL	EPA 6010D
	Thallium	0.500	0.463	92.7		ug/mL	EPA 6010D
	Vanadium	2.50	2.27	90.7		ug/mL	EPA 6010D
	Zinc	2.50	2.30	92.1		ug/mL	EPA 6010D
Y2H1023-CCVB	Aluminum	10.0	9.20	92.0		ug/mL	EPA 6010D
	Antimony	0.250	0.220	88.1	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.481	96.2		ug/mL	EPA 6010D
	Barium	10.0	9.41	94.1		ug/mL	EPA 6010D
	Beryllium	0.250	0.232	92.9		ug/mL	EPA 6010D
	Cadmium	0.250	0.239	95.7		ug/mL	EPA 6010D
	Calcium	25.0	22.9	91.6		ug/mL	EPA 6010D
	Chromium	1.00	0.932	93.2		ug/mL	EPA 6010D
	Cobalt	2.50	2.36	94.6		ug/mL	EPA 6010D
	Copper	1.25	1.18	94.1		ug/mL	EPA 6010D
	Iron	5.00	4.68	93.6		ug/mL	EPA 6010D
	Lead	0.500	0.488	97.6		ug/mL	EPA 6010D
	Magnesium	25.0	23.3	93.4		ug/mL	EPA 6010D
	Manganese	2.50	2.33	93.2		ug/mL	EPA 6010D
	Nickel	2.50	2.35	93.8		ug/mL	EPA 6010D
	Potassium	5.00	4.05	80.9	*	ug/mL	EPA 6010D
	Selenium	0.500	0.484	96.9		ug/mL	EPA 6010D
	Silver	1.25	1.20	96.0		ug/mL	EPA 6010D
	Sodium	25.0	22.0	87.9	*	ug/mL	EPA 6010D
	Thallium	0.500	0.477	95.4		ug/mL	EPA 6010D
	Vanadium	2.50	2.31	92.3		ug/mL	EPA 6010D
	Zinc	2.50	2.35	94.1		ug/mL	EPA 6010D

* Values outside of QC limits

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

NYS Brownsfield
737 4th Avenue
Brooklyn, NY
Project # TOT2202/2101

SDG: 22H0308
1 Soil Sample and 1 Equipment Blank

Prepared for:

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

September 2022

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

Table of Contents

Page No.

REVIEWER'S NARRATIVE

1.0 SUMMARY 1

2.0 INTRODUCTION 1

3.0 SAMPLE AND ANALYSIS SUMMARY 2

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA 2

5.0 DATA VALIDATION QUALIFIERS 3

6.0 RESULTS OF THE DATA REVIEW 4

7.0 TOTAL USABLE DATA 4

APPENDIX A Validated Analytical Results
APPENDIX B Laboratory QC Documentation
APPENDIX C Validator Qualifications

Tables

Table 4-1 Data Validation Guidance Documents
Table 4-2 Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results
Table 6-1 VOCs
Table 6-2 SVOCs-Scan
Table 6-3 SVOCs-SIM
Table 6-4 Pesticides
Table 6-5 PCBs
Table 6-6 ICP Metals
Table 6-7 Mercury
Table 6-8 Hexavalent Chromium

REVIEWER'S NARRATIVE
PWGC SDG 22H0308 737 4th Avenue Brooklyn, NY

The data associated with this Sample Delivery Group (SDG) 22H0308, analyzed by York Analytical Laboratories, Stratford, CT have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 9/2/2022

Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	737 4th Avenue Brooklyn, NY Project #: TOT2202/2101
SAMPLING DATE:	August 03, 2022
SAMPLE TYPE:	1 soil sample and 1 equipment blank
LABORATORY:	York Analytical Laboratories Stratford, CT
SDG No.:	22H0308

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 1 soil sample and 1 equipment blank collected on August 03, 2022. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Pesticides, PCBs, ICP Metals, Mercury, and Hexavalent Chromium (CR+6).

All laboratory analyses were submitted to York Analytical Laboratories, Stratford, CT and analyzed as SDG 22H0308. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
Lab Control Sample
Field Duplicate

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the analytical data review are summarized in Tables 6-1 through 6-8. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG 22H0308, two samples were analyzed and results were reported for 406 analyses. Three results were rejected. Even though some results were flagged with a "J" as estimated, all other results (99.3 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (5-7) EB001	1,4-Dioxane	R	ICAL RF < 0.005	The results are rejected
SB024 (5-7)	Acetone Acrolein	J detects UJ non-detects	ICV % D > 30 % QC limit	Data are estimated
EB001	Acrolein Chloromethane Cyclohexane Dichlorodifluoromethane	J detects UJ non-detects	ICV % D > 30 % QC limit	Data are estimated
SB024 (5-7)	Freon 113 1,1-Dichloroethene Bromomethane Chloromethane Chloroethane Dichlorodifluoromethane Trichlorofluoromethane Vinyl chloride	J detects UJ non-detects	CCV % D > 20 % QC limit	Data are estimated
EB001	Acetone Bromomethane Chloromethane TBA Vinyl chloride	J detects UJ non-detects	CCV % D > 20 % QC limit	Data are estimated
EB001	Tetrachloroethene	J detects UJ non-detects	RF for CCV < QC limit	Data are estimated
EB001	TBA	CRQL-U	Detected in meth blank	Data changed to non-detect

SB024 (5-7)	Acetone Methylene chloride	J detects	Detected in equipment blank	Data are estimated

Table 6-2 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (5-7)	Atrazine Indeneo(1,2,3-cd)pyrene	J detects	LCS > QC limit	Data are estimated
EB001	2,4-Dimethylphenol 2-Chloronaphthalene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Nitrophenol 4,6-Dinitro-2-methylphenol 4-Chloro-3-methylphenol 4-Chlorophenyl phenyl ether Benzoic acid Bis(2-chloroethoxy)methane Bis(2-chloroethyl)ether Bis(2-chloroisopropyl)ether Caprolactum Carbazole Isophorone N-Nitroso-di-n-propylamine	J detects UJ non-detects	LCS < QC limit	Data are estimated
SB024 (5-7)	2,4-Dinitrophenol Benzoic acid Caprolactum	J detects UJ non-detects	ICAL RSD > QC limit	Data are estimated

EB001	2,3,4,6-Tetrachlorophenol 2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol 4-Nitrophenol Benzoic acid Bis(2-chloroehtylether	J detects UJ non-detects	ICAL RSD > QC limit	Data are estimated
SB024 (5-7)	1,2-Diphenylhydrazine 2,3,4,6-Tetrachlorophenol 2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol 4-Nitrophenol Benzylbytylphthalate Di-n-octylphthalate Pyridine Bis(2-chloroethyl)ether	J detects UJ non-detects	CCV % D > QC limit	Data are estimated
SB024 (5-7)	Benzoic acid	R rejected	CCV % D > 90 %	Data are rejected
EB001	2,4-Dimethylphenol Aniline Benzidine Benzoic acid Bis(2-chloroethoxy)methane Bis(2-chloroisopropyl)ether Di-n-octylphthalate Hexachlorocyclopentadiene	J detects UJ non-detects	CCV % D > QC limit	Data are estimated

Table 6-3 SVOCs-SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
EB001	TBA	CRQL-U	Detected in method blank	Data changed to non-detect
EB001	Naphthalene	J detects UJ non-detects	ICAL RSD > QC limit and CCV % D > QC limit	Data are estimated

Table 6-4 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (5-7) EB001			none	

Table 6-5 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (5-7) EB001			none	

Table 6-6 ICP Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (5-7)	Na	J+ detects	SRM > QC limit	Data are biased high
EB001	Ca	J+ detects	LCS > QC limit	Data are biased high
EB001	Al and Na	J+ detects	ICV > QC limit	Data are biased high
EB001	Mg	J+ detects	CCV > QC limit	Data are biased high
EB001	Sb and Ca	J- detects UJ non-detects	CCV < QC limit	Data are biased low
SB024 (5-7)	K	J+ detects	ICV > QC limit	Data are biased high
SB024 (5-7)	Al, Sb, Ca, Ni, Na, and V	J- detects UJ non-detects	CCV < QC limit	Data are biased low
EB001	Se	J- detects UJ non-detects	Interference check < QC limit	Data are biased low

Table 6-7 Mercury

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
SB024 (5-7) EB001			none	

Table 6-8 CR+6

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
EB001	Cr+6	J- detects UJ non-detects	Analyzed outside holding time	Data are biased low

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

Technical Report

prepared for:

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

Report Date: 08/25/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0308

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/25/2022
Client Project ID: TOT2202/2101
York Project (SDG) No.: 22H0308

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 August 04, 2022 and listed below. The project was identified as your project: **TOT2202/2101**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22H0308-01	SB024 (5-7)	Soil	08/03/2022	08/04/2022
22H0308-02	SB012 (6-8)	Soil	08/03/2022	08/04/2022
22H0308-03	SB012 (8-10)	Soil	08/03/2022	08/04/2022
22H0308-04	SB013 (6-8)	Soil	08/03/2022	08/04/2022
22H0308-05	SB023 (8-10)	Soil	08/03/2022	08/04/2022
22H0308-06	SB022 (8-10)	Soil	08/03/2022	08/04/2022
22H0308-07	SB021 (13-15)	Soil	08/03/2022	08/04/2022
22H0308-08	SB019 (17-19)	Soil	08/03/2022	08/04/2022
22H0308-09	SB020 (8-10)	Soil	08/03/2022	08/04/2022
22H0308-10	SB018 (3-5)	Soil	08/03/2022	08/04/2022
22H0308-11	SB018 (5-7)	Soil	08/03/2022	08/04/2022
22H0308-12	DUP004	Soil	08/03/2022	08/04/2022
22H0308-13	SB017 (3-5)	Soil	08/03/2022	08/04/2022
22H0308-14	SB014 (2-4)	Soil	08/03/2022	08/04/2022
22H0308-15	SB014 (4-6)	Soil	08/03/2022	08/04/2022
22H0308-16	SB016 (10-12)	Soil	08/03/2022	08/04/2022
22H0308-17	SB015 (10-12)	Soil	08/03/2022	08/04/2022
22H0308-18	EB001	Water	08/03/2022	08/04/2022

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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.

YORK Project No. 22H0308 ~~220308~~ TFG

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: Jennifer Lewis	Contact:	Contact:
E-mail: JenniferL@pwgioser.com	E-mail:	E-mail:

YOUR Project Number: TOT2202/2101

YOUR Project Name: TOT2202/2101

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Janelle Davis

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report; CT RCP; Standard Excel EDD
QA Report; CT RCP DQA/DUE; EQuIS (Standard)
NY ASP A Package; NJDEP Reduced Deliverables; NYSDEC EQuIS
NY ASP B Package; NJDEP SRP HazSite
NJDKQP; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB024 (5'-7')	S	8/3/22 830	TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL Metals,	Trivalent + Hexavalent Chromium
SB012 (6'-8')	S	8/3/22 930		
SB012 (8'-10')	S	8/3/22 945		
SB013 (6-8)	S	8/3/22 1015		
SB023 (8'-10')	S	8/3/22 1045		
SB022 (8'-10')	S	8/3/22 1100		
SB021 (13'-15')	S	8/3/22 1110		
SB019 (17-19')	S	8/3/22 1140		
SB020 (8'-10')	S	8/3/22 1200		
SB020 (8'-10') MS	S	8/3/22 1205		

345 of 2426

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/4/22 800		8/4/22 1100		8/4/22 1710
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8/4/22 1710	3.1 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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.

YORK Project No. 22H0308

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Avenue	Address:	Address:
Phone.: 631-584-6353	Phone.:	Phone.:
Contact: Jennifer Lewis	Contact:	Contact:
E-mail: JenniferL@pwgrasser.com	E-mail:	E-mail:

YOUR Project Number: TOT2202 / 2101

YOUR Project Name: TOT2202 / 2101.

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Janelle Davis

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS
NY ASP B Package		NJDEP SRP HazSite
	NJDKQP	Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB020 (8'-10') MSD	S 1210	8/3/22	TCL VOCs, TCL SVOCs, TCL Pest/PCBs, TAL Metals, Trivalent + Hexavalent Chromium	
SB018 (3'-5')	S 1235			
SB018 (5'-7')	S 1240			
DUP004	S			
SB017 (3'-5')	S 1300			
SB014 (2'-4')	S 1325			
SB014 (4'-6')	S 1330			
SB016 (10'-12')	S 1405			
SB015 (10'-12')	S 1345			
EB001	W 1500			

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/4/22 800	KBarbyork	8/4/22 1040	KBarbyork	8/4/22 1710
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					8/4/22 1710 / 3.1 Degrees C

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: VOA
METHOD: EPA 8260C

DATA PACKAGE COVER PAGE

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB021 (13-15)	22H0308-07RE1
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/23/2022 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID: QV125360.D

Sampled: 08/03/22 08:30 Prepared: 08/08/22 06:33 Analyzed: 08/08/22 23:19

Solids: 89.01 Preparation: EPA 5035A Initial/Final: 5.21 g / 5 ml

Batch: BH20262 Sequence: Y2H1009 Calibration: YH20002 Instrument: QVOA1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0054	U
71-55-6	1,1,1-Trichloroethane	1	0.0054	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0054	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.0054 UJ	U
79-00-5	1,1,2-Trichloroethane	1	0.0054	U
75-34-3	1,1-Dichloroethane	1	0.0054	U
75-35-4	1,1-Dichloroethylene	1	0.0054 UJ	U
563-58-6	1,1-Dichloropropylene	1	0.0054	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0054	U
96-18-4	1,2,3-Trichloropropane	1	0.0054	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0054	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0054	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.0054	U
106-93-4	1,2-Dibromoethane	1	0.0054	U
95-50-1	1,2-Dichlorobenzene	1	0.0054	U
107-06-2	1,2-Dichloroethane	1	0.0054	U
78-87-5	1,2-Dichloropropane	1	0.0054	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0054	U
541-73-1	1,3-Dichlorobenzene	1	0.0054	U
142-28-9	1,3-Dichloropropane	1	0.0054	U
106-46-7	1,4-Dichlorobenzene	1	0.0054	U
123-91-1	1,4-Dioxane	1	~~0.11~~ R	U
594-20-7	2,2-Dichloropropane	1	0.0054	U
78-93-3	2-Butanone	1	0.0043	J
95-49-8	2-Chlorotoluene	1	0.0054	U
591-78-6	2-Hexanone	1	0.0054	U
106-43-4	4-Chlorotoluene	1	0.0054	U
108-10-1	4-Methyl-2-pentanone	1	0.0054	U
67-64-1	Acetone	1	0.014 J	
107-02-8	Acrolein	1	0.011 UJ	U
107-13-1	Acrylonitrile	1	0.0054	U
71-43-2	Benzene	1	0.0054	U
108-86-1	Bromobenzene	1	0.0054	U
74-97-5	Bromochloromethane	1	0.0054	U
75-27-4	Bromodichloromethane	1	0.0054	U
75-25-2	Bromoform	1	0.0054	U
74-83-9	Bromomethane	1	0.0054 UJ	U
75-15-0	Carbon disulfide	1	0.0054	U
56-23-5	Carbon tetrachloride	1	0.0054	U
108-90-7	Chlorobenzene	1	0.0054	U

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID: QV125360.D

Sampled: 08/03/22 08:30 Prepared: 08/08/22 06:33 Analyzed: 08/08/22 23:19

Solids: 89.01 Preparation: EPA 5035A Initial/Final: 5.21 g / 5 ml

Batch: BH20262 Sequence: Y2H1009 Calibration: YH20002 Instrument: QVOA1

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
75-00-3	Chloroethane	1	0.0054 UJ	U
67-66-3	Chloroform	1	0.0054	U
74-87-3	Chloromethane	1	0.0054 UJ	U
156-59-2	cis-1,2-Dichloroethylene	1	0.0054	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.0054	U
110-82-7	Cyclohexane	1	0.0054	U
124-48-1	Dibromochloromethane	1	0.0054	U
74-95-3	Dibromomethane	1	0.0054	U
75-71-8	Dichlorodifluoromethane	1	0.0054 UJ	U
100-41-4	Ethyl Benzene	1	0.0054	U
87-68-3	Hexachlorobutadiene	1	0.0054	U
98-82-8	Isopropylbenzene	1	0.0054	U
79-20-9	Methyl acetate	1	0.0054	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.0054	U
108-87-2	Methylcyclohexane	1	0.0054	U
75-09-2	Methylene chloride	1	0.018 J	
104-51-8	n-Butylbenzene	1	0.031	
103-65-1	n-Propylbenzene	1	0.0056	
95-47-6	o-Xylene	1	0.0054	U
179601-23-1	p- & m- Xylenes	1	0.011	U
99-87-6	p-Isopropyltoluene	1	0.0054	U
135-98-8	sec-Butylbenzene	1	0.029	
100-42-5	Styrene	1	0.0054	U
75-65-0	tert-Butyl alcohol (TBA)	1	0.0054	U
98-06-6	tert-Butylbenzene	1	0.0054	U
127-18-4	Tetrachloroethylene	1	0.0054	U
108-88-3	Toluene	1	0.0054	U
156-60-5	trans-1,2-Dichloroethylene	1	0.0054	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.0054	U
79-01-6	Trichloroethylene	1	0.0054	U
75-69-4	Trichlorofluoromethane	1	0.0054	U
108-05-4	Vinyl acetate	1	0.0054	U
75-01-4	Vinyl Chloride	1	0.0054 UJ	U
1330-20-7	Xylenes, Total	1	0.016	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	50.0	52.0	104	77 - 125	
SURR: Toluene-d8	50.0	51.6	103	85 - 120	
SURR: p-Bromofluorobenzene	50.0	40.2	80.4	76 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID: QV6244977.D

Sampled: 08/03/22 15:00 Prepared: 08/10/22 06:28 Analyzed: 08/10/22 16:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BH20049 Sequence: Y2H1044 Calibration: YH20009 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
142-28-9	1,3-Dichloropropane	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	~~80.0~~ R	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.83 J	
107-02-8	Acrolein	1	0.500 UJ	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	0.500 UJ	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500 UJ	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID: QV6244977.D

Sampled: 08/03/22 15:00 Prepared: 08/10/22 06:28 Analyzed: 08/10/22 16:50

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BH20049 Sequence: Y2H1044 Calibration: YH20009 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
110-82-7	Cyclohexane	1	0.500 UJ	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500 UJ	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	7.13	
91-20-3	Naphthalene	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
105-05-5	p-Diethylbenzene	1	0.500	U
622-96-8	p-Ethyltoluene	1	0.500	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	4.08 UJ ~~4.08~~	B
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500 UJ	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500 UJ	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.3	103	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	11.2	112	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	164064	5.73	193892	5.73	
ISTD: Chlorobenzene-d5	593188	8.769	726358	8.766	
ISTD: 1,2-Dichlorobenzene-d4	221566	11.746	301412	11.743	

MKP 9/1/2022

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: SVOA
METHOD: EPA 8270D

DATA PACKAGE COVER PAGE

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB021 (13-15)	22H0308-07RE1
SB021 (13-15)	22H0308-07RE2
SB019 (17-19)	22H0308-08
SB019 (17-19)	22H0308-08RE1
SB019 (17-19)	22H0308-08RE2
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/21/2022 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID: SV642503.D

Sampled: 08/03/22 08:30 Prepared: 08/09/22 08:01 Analyzed: 08/09/22 18:19

Solids: 89.01 Preparation: EPA 3546 SVOA Initial/Final: 30.2 g / 1 mL

Batch: BH20510 Sequence: Y2H1207 Calibration: YF20018 Instrument: BNA#6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
92-52-4	1,1-Biphenyl	2	0.0931	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2	0.186	U
120-82-1	1,2,4-Trichlorobenzene	2	0.0931	U
95-50-1	1,2-Dichlorobenzene	2	0.0931	U
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	2	0.0931 UJ	U
541-73-1	1,3-Dichlorobenzene	2	0.0931	U
106-46-7	1,4-Dichlorobenzene	2	0.0931	U
58-90-2	2,3,4,6-Tetrachlorophenol	2	0.186 UJ	U
95-95-4	2,4,5-Trichlorophenol	2	0.0931	U
88-06-2	2,4,6-Trichlorophenol	2	0.0931	U
120-83-2	2,4-Dichlorophenol	2	0.0931	U
105-67-9	2,4-Dimethylphenol	2	0.0931	U
51-28-5	2,4-Dinitrophenol	2	0.186 UJ	U
121-14-2	2,4-Dinitrotoluene	2	0.0931	U
606-20-2	2,6-Dinitrotoluene	2	0.0931	U
91-58-7	2-Chloronaphthalene	2	0.0931	U
95-57-8	2-Chlorophenol	2	0.0931	U
91-57-6	2-Methylnaphthalene	2	0.0931	U
95-48-7	2-Methylphenol	2	0.0931	U
88-74-4	2-Nitroaniline	2	0.186	U
88-75-5	2-Nitrophenol	2	0.0931	U
65794-96-9	3- & 4-Methylphenols	2	0.0931	U
91-94-1	3,3-Dichlorobenzidine	2	0.0931	U
99-09-2	3-Nitroaniline	2	0.186	U
534-52-1	4,6-Dinitro-2-methylphenol	2	0.186 UJ	U
101-55-3	4-Bromophenyl phenyl ether	2	0.0931	U
59-50-7	4-Chloro-3-methylphenol	2	0.0931	U
106-47-8	4-Chloroaniline	2	0.0931	U
7005-72-3	4-Chlorophenyl phenyl ether	2	0.0931	U
100-01-6	4-Nitroaniline	2	0.186	U
100-02-7	4-Nitrophenol	2	0.186 UJ	U
83-32-9	Acenaphthene	2	0.324	D
208-96-8	Acenaphthylene	2	0.142	D
98-86-2	Acetophenone	2	0.0931	U
62-53-3	Aniline	2	0.373	U
120-12-7	Anthracene	2	0.263	D
1912-24-9	Atrazine	2	0.0931	U
100-52-7	Benzaldehyde	2	0.0931	U
92-87-5	Benzidine	2	0.373	U
56-55-3	Benzo(a)anthracene	2	0.0931	U

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID: SV642503.D

Sampled: 08/03/22 08:30 Prepared: 08/09/22 08:01 Analyzed: 08/09/22 18:19

Solids: 89.01 Preparation: EPA 3546 SVOA Initial/Final: 30.2 g / 1 mL

Batch: BH20510 Sequence: Y2H1207 Calibration: YF20018 Instrument: BNA#6

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
50-32-8	Benzo(a)pyrene	2	0.0931	U
205-99-2	Benzo(b)fluoranthene	2	0.0931	U
191-24-2	Benzo(g,h,i)perylene	2	0.0931	U
207-08-9	Benzo(k)fluoranthene	2	0.0931	U
65-85-0	Benzoic acid	2	~~0.0931~~ R	U
100-51-6	Benzyl alcohol	2	0.0931	U
85-68-7	Benzyl butyl phthalate	2	0.0931 UJ	U
111-91-1	Bis(2-chloroethoxy)methane	2	0.0931	U
111-44-4	Bis(2-chloroethyl)ether	2	0.0931	U
108-60-1	Bis(2-chloroisopropyl)ether	2	0.0931	U
117-81-7	Bis(2-ethylhexyl)phthalate	2	0.0931	U
105-60-2	Caprolactam	2	0.186 UJ	U
86-74-8	Carbazole	2	0.0476	JD
218-01-9	Chrysene	2	0.0931	U
53-70-3	Dibenzo(a,h)anthracene	2	0.0931	U
132-64-9	Dibenzofuran	2	0.0931	U
84-66-2	Diethyl phthalate	2	0.0931	U
131-11-3	Dimethyl phthalate	2	0.0931	U
84-74-2	Di-n-butyl phthalate	2	0.0931	U
117-84-0	Di-n-octyl phthalate	2	0.0931 UJ	U
206-44-0	Fluoranthene	2	0.109	D
86-73-7	Fluorene	2	0.594	D
118-74-1	Hexachlorobenzene	2	0.0931	U
87-68-3	Hexachlorobutadiene	2	0.0931	U
77-47-4	Hexachlorocyclopentadiene	2	0.0931	U
67-72-1	Hexachloroethane	2	0.0931	U
193-39-5	Indeno(1,2,3-cd)pyrene	2	0.0931	U
78-59-1	Isophorone	2	0.0931	U
91-20-3	Naphthalene	2	0.0931	U
98-95-3	Nitrobenzene	2	0.0931	U
62-75-9	N-Nitrosodimethylamine	2	0.0931	U
621-64-7	N-nitroso-di-n-propylamine	2	0.0931	U
86-30-6	N-Nitrosodiphenylamine	2	0.0931	U
87-86-5	Pentachlorophenol	2	0.0931	U
85-01-8	Phenanthrene	2	0.467	D
108-95-2	Phenol	2	0.0931	U
129-00-0	Pyrene	2	0.126	D
110-86-1	Pyridine	2	0.373 UJ	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID: SV3010587.D

Sampled: 08/03/22 15:00 Prepared: 08/10/22 07:42 Analyzed: 08/11/22 10:29

Solids: Preparation: EPA 3510C Initial/Final: 850 mL / 1 mL

Batch: BH20583 Sequence: Y2H1121 Calibration: YG20005 Instrument: BNA #3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
92-52-4	1,1-Biphenyl	1	5.88	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1	5.88	U
120-82-1	1,2,4-Trichlorobenzene	1	5.88	U
95-50-1	1,2-Dichlorobenzene	1	5.88	U
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1	5.88	U
541-73-1	1,3-Dichlorobenzene	1	5.88	U
106-46-7	1,4-Dichlorobenzene	1	5.88	U
58-90-2	2,3,4,6-Tetrachlorophenol	1	5.88 UJ	U
95-95-4	2,4,5-Trichlorophenol	1	5.88	U
88-06-2	2,4,6-Trichlorophenol	1	5.88	U
120-83-2	2,4-Dichlorophenol	1	5.88	U
105-67-9	2,4-Dimethylphenol	1	5.88 UJ	U
51-28-5	2,4-Dinitrophenol	1	5.88 UJ	U
121-14-2	2,4-Dinitrotoluene	1	5.88	U
606-20-2	2,6-Dinitrotoluene	1	5.88	U
91-58-7	2-Chloronaphthalene	1	5.88 UJ	U
95-57-8	2-Chlorophenol	1	5.88 UJ	U
91-57-6	2-Methylnaphthalene	1	5.88 UJ	U
95-48-7	2-Methylphenol	1	5.88 UJ	U
88-74-4	2-Nitroaniline	1	5.88	U
88-75-5	2-Nitrophenol	1	5.88 UJ	U
65794-96-9	3- & 4-Methylphenols	1	5.88	U
91-94-1	3,3-Dichlorobenzidine	1	5.88	U
99-09-2	3-Nitroaniline	1	5.88	U
534-52-1	4,6-Dinitro-2-methylphenol	1	5.88 UJ	U
101-55-3	4-Bromophenyl phenyl ether	1	5.88 UJ	U
59-50-7	4-Chloro-3-methylphenol	1	5.88	U
106-47-8	4-Chloroaniline	1	5.88 UJ	U
7005-72-3	4-Chlorophenyl phenyl ether	1	5.88	U
100-01-6	4-Nitroaniline	1	5.88 UJ	U
100-02-7	4-Nitrophenol	1	5.88 UJ	U
98-86-2	Acetophenone	1	5.88	U
62-53-3	Aniline	1	5.88 UJ	U
100-52-7	Benzaldehyde	1	5.88	U
92-87-5	Benzidine	1	5.88 UJ	U
65-85-0	Benzoic acid	1	5.88 UJ	U
100-51-6	Benzyl alcohol	1	5.88	U
85-68-7	Benzyl butyl phthalate	1	5.88	U
111-91-1	Bis(2-chloroethoxy)methane	1	5.88 UJ	U
111-44-4	Bis(2-chloroethyl)ether	1	5.88 UJ	U

MKP 9/1/2022

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D

EB001

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Water	Laboratory ID:	22H0308-18	File ID:	SV3010587.D
Sampled:	08/03/22 15:00	Prepared:	08/10/22 07:42	Analyzed:	08/11/22 10:29
Solids:		Preparation:	EPA 3510C	Initial/Final:	850 mL / 1 mL
Batch:	BH20583	Sequence:	Y2H1121	Calibration:	YG20005
Instrument:	BNA #3				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
108-60-1	Bis(2-chloroisopropyl)ether	1	5.88 UJ	U
105-60-2	Caprolactam	1	5.88 UJ	U
86-74-8	Carbazole	1	5.88 UJ	U
132-64-9	Dibenzofuran	1	5.88 UJ	U
84-66-2	Diethyl phthalate	1	5.88	U
131-11-3	Dimethyl phthalate	1	5.88	U
84-74-2	Di-n-butyl phthalate	1	5.88	U
117-84-0	Di-n-octyl phthalate	1	5.88 UJ	U
77-47-4	Hexachlorocyclopentadiene	1	11.8 UJ	U
78-59-1	Isophorone	1	5.88 UJ	U
621-64-7	N-nitroso-di-n-propylamine	1	5.88 UJ	U
86-30-6	N-Nitrosodiphenylamine	1	5.88	U
108-95-2	Phenol	1	5.88	U
110-86-1	Pyridine	1	5.88	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 2-Fluorophenol	58.8	18.3	31.2	19.7 - 63.1	
SURR: Phenol-d5	58.8	10.9	18.6	10.1 - 41.7	
SURR: Nitrobenzene-d5	29.4	19.0	64.4	50.2 - 113	
SURR: 2-Fluorobiphenyl	29.4	14.0	47.6	39.9 - 105	
SURR: 2,4,6-Tribromophenol	58.8	34.7	58.9	39.3 - 151	
SURR: Terphenyl-d14	29.4	22.7	77.2	30.7 - 106	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1470405	5.416	1439939	5.416	
ISTD: Naphthalene-d8	5942856	6.355	6810469	6.355	
ISTD: Acenaphthene-d10	3541199	8.016	3911020	8.017	
ISTD: Phenanthrene-d10	6702341	10.147	7122365	10.15	
ISTD: Chrysene-d12	5923917	15.69	6794141	15.697	
ISTD: Perylene-d12	6328895	18.818	7214363	18.819	

* Values outside of QC limits

MKP 9/1/2022

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: SVOA
METHOD: EPA 8270D SIM

DATA PACKAGE COVER PAGE

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308

Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/22/2022
Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8270D SIM

EB001

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Water	Laboratory ID:	22H0308-18	File ID:	SV532198.D
Sampled:	08/03/22 15:00	Prepared:	08/10/22 07:42	Analyzed:	08/11/22 10:50
Solids:		Preparation:	EPA 3510C	Initial/Final:	850 mL / 1 mL
Batch:	BH20583	Sequence:	Y2H1131	Calibration:	YG20021
Instrument:	BNA #5				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
83-32-9	Acenaphthene	1	0.0588	U
208-96-8	Acenaphthylene	1	0.0588	U
120-12-7	Anthracene	1	0.0588	U
1912-24-9	Atrazine	1	0.588	U
56-55-3	Benzo(a)anthracene	1	0.0588	U
50-32-8	Benzo(a)pyrene	1	0.0588	U
205-99-2	Benzo(b)fluoranthene	1	0.0588	U
191-24-2	Benzo(g,h,i)perylene	1	0.0588	U
207-08-9	Benzo(k)fluoranthene	1	0.0588	U
117-81-7	Bis(2-ethylhexyl)phthalate	1	0.929 UJ ~~0.929~~	B
218-01-9	Chrysene	1	0.0588	U
53-70-3	Dibenzo(a,h)anthracene	1	0.0588	U
206-44-0	Fluoranthene	1	0.0588	U
86-73-7	Fluorene	1	0.188	
118-74-1	Hexachlorobenzene	1	0.0235	U
87-68-3	Hexachlorobutadiene	1	0.588	U
67-72-1	Hexachloroethane	1	0.588	U
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.0588	U
91-20-3	Naphthalene	1	0.0588 UJ	U
98-95-3	Nitrobenzene	1	0.294	U
62-75-9	N-Nitrosodimethylamine	1	0.588	U
87-86-5	Pentachlorophenol	1	0.294	U
85-01-8	Phenanthrene	1	0.0588	U
129-00-0	Pyrene	1	0.0588	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	10011040	8.09	9391023	8.09	
ISTD: Naphthalene-d8	21009880	9.69	17425400	9.69	
ISTD: Acenaphthene-d10	11123540	12.11	10699530	12.11	
ISTD: Phenanthrene-d10	18580800	14.2	17774940	14.2	
ISTD: Chrysene-d12	16553710	18.01	14487950	18.01	
ISTD: Perylene-d12	17206400	19.94	15534790	19.94	

* Values outside of QC limits

MKP 9/1/2022

York Analytical Laboratories, Inc.

SDG: 22H0308

CLASS: PEST

METHOD: EPA 8081B

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/25/2022 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

SB024 (5-7)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	22H0308-01	File ID:	P60029116.D
Sampled:	08/03/22 08:30	Prepared:	08/10/22 08:11	Analyzed:	08/11/22 07:22
Solids:	89.01	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BH20590	Sequence:	Y2H1104	Calibration:	YG20022
Instrument:	GCECD6				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
72-54-8	4,4'-DDD	5	0.00181	U
72-55-9	4,4'-DDE	5	0.00181	U
50-29-3	4,4'-DDT	5	0.00181	U
309-00-2	Aldrin	5	0.00181	U
319-84-6	alpha-BHC	5	0.00181	U
5103-71-9	alpha-Chlordane	5	0.00181	U
319-85-7	beta-BHC	5	0.00181	U
319-86-8	delta-BHC	5	0.00181	U
60-57-1	Dieldrin	5	0.00181	U
959-98-8	Endosulfan I	5	0.00181	U
33213-65-9	Endosulfan II	5	0.00181	U
1031-07-8	Endosulfan sulfate	5	0.00181	U
72-20-8	Endrin	5	0.00181	U
7421-93-4	Endrin aldehyde	5	0.00181	U
53494-70-5	Endrin ketone	5	0.00181	U
58-89-9	gamma-BHC (Lindane)	5	0.00181	U
5566-34-7	gamma-Chlordane	5	0.00181	U
76-44-8	Heptachlor	5	0.00181	U
1024-57-3	Heptachlor epoxide	5	0.00181	U
72-43-5	Methoxychlor	5	0.00181	U
8001-35-2	Toxaphene	5	0.181	U
12789-03-6	Chlordane, total	5	0.0361	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0730	0.0658	90.2	30 - 150	
Tetrachloro-m-xylene	0.0730	0.0470	64.4	30 - 150	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8081B

EB001

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Water	Laboratory ID:	22H0308-18	File ID:	P60029155.D
Sampled:	08/03/22 15:00	Prepared:	08/08/22 19:36	Analyzed:	08/11/22 22:23
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	950 mL / 1 mL

Batch: BH20499 Sequence: Y2H1130 Calibration: YG20022 Instrument: GCECD6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
72-54-8	4,4'-DDD	1	0.00421	U
72-55-9	4,4'-DDE	1	0.00421	U
50-29-3	4,4'-DDT	1	0.00421	U
309-00-2	Aldrin	1	0.00421	U
319-84-6	alpha-BHC	1	0.00421	U
5103-71-9	alpha-Chlordane	1	0.00421	U
319-85-7	beta-BHC	1	0.00421	U
319-86-8	delta-BHC	1	0.00421	U
60-57-1	Dieldrin	1	0.00211	U
959-98-8	Endosulfan I	1	0.00421	U
33213-65-9	Endosulfan II	1	0.00421	U
1031-07-8	Endosulfan sulfate	1	0.00421	U
72-20-8	Endrin	1	0.00421	U
7421-93-4	Endrin aldehyde	1	0.0105	U
53494-70-5	Endrin ketone	1	0.0105	U
58-89-9	gamma-BHC (Lindane)	1	0.00421	U
5566-34-7	gamma-Chlordane	1	0.0105	U
76-44-8	Heptachlor	1	0.00421	U
1024-57-3	Heptachlor epoxide	1	0.00421	U
72-43-5	Methoxychlor	1	0.00421	U
8001-35-2	Toxaphene	1	0.105	U
12789-03-6	Chlordane, total	1	0.211	U
57-74-9	Chlordane, total (alpha, gamma)	1	0.0105	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.211	0.154	73.1	30 - 150	
Tetrachloro-m-xylene	0.211	0.169	80.3	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: ARO
METHOD: EPA 8082A

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/23/2022 Title: Laboratory Manager

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

SB024 (5-7)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Soil	Laboratory ID:	22H0308-01	File ID:	P1104179.D
Sampled:	08/03/22 08:30	Prepared:	08/10/22 08:11	Analyzed:	08/11/22 02:22
Solids:	89.01	Preparation:	EPA 3550C	Initial/Final:	30.8 g / 10 mL
Batch:	BH20590	Sequence:	Y2H1040	Calibration:	YF20016
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/kg dry)	Q
12674-11-2	Aroclor 1016	1	0.0182	U
11104-28-2	Aroclor 1221	1	0.0182	U
11141-16-5	Aroclor 1232	1	0.0182	U
53469-21-9	Aroclor 1242	1	0.0182	U
12672-29-6	Aroclor 1248	1	0.0182	U
11097-69-1	Aroclor 1254	1	0.0182	U
11096-82-5	Aroclor 1260	1	0.0182	U
1336-36-3	Total PCBs	1	0.0182	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.0730	0.0514	70.5	30 - 120	
Decachlorobiphenyl	0.0730	0.0781	107	30 - 120	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8082A

EB001

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Water	Laboratory ID:	22H0308-18	File ID:	P1104085.D
Sampled:	08/03/22 15:00	Prepared:	08/08/22 19:36	Analyzed:	08/10/22 03:26
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	950 mL / 1 mL
Batch:	BH20499	Sequence:	Y2H1004	Calibration:	YF20016
Instrument:	ECD#1				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
12674-11-2	Aroclor 1016	1	0.0526	U
11104-28-2	Aroclor 1221	1	0.0526	U
11141-16-5	Aroclor 1232	1	0.0526	U
53469-21-9	Aroclor 1242	1	0.0526	U
12672-29-6	Aroclor 1248	1	0.0526	U
11097-69-1	Aroclor 1254	1	0.0526	U
11096-82-5	Aroclor 1260	1	0.0526	U
1336-36-3	Total PCBs	1	0.0526	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Tetrachloro-m-xylene	0.211	0.191	90.5	30 - 150	
Decachlorobiphenyl	0.211	0.223	106	30 - 150	

* Values outside of QC limits

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: METALS
METHOD: EPA 6010D

DATA PACKAGE COVER PAGE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/22/2022
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID: QBI080922ARE_1-061

Sampled: 08/03/22 08:30 Prepared: 08/05/22 12:52 Analyzed: 08/09/22 15:40

Solids: 89.01 Preparation: EPA 3050B Initial/Final: 0.58 g / 50 mL

Batch: BH20387 Sequence: Y2H0936 Calibration: 08/09/22 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7429-90-5	Aluminum	6040 J-	1	B	EPA 6010D
7440-36-0	Antimony	2.91 UJ	1	U	EPA 6010D
7440-38-2	Arsenic	2.32	1		EPA 6010D
7440-39-3	Barium	158	1		EPA 6010D
7440-41-7	Beryllium	0.060	1		EPA 6010D
7440-43-9	Cadmium	0.349	1	U	EPA 6010D
7440-70-2	Calcium	3590 J-	1		EPA 6010D
7440-47-3	Chromium	14.0	1		EPA 6010D
7440-48-4	Cobalt	5.65	1		EPA 6010D
7440-50-8	Copper	10.7	1		EPA 6010D
7439-89-6	Iron	12600	1		EPA 6010D
7439-92-1	Lead	48.5	1		EPA 6010D
7439-95-4	Magnesium	2120	1		EPA 6010D
7439-96-5	Manganese	188	1		EPA 6010D
7440-02-0	Nickel	12.0 J+	1		EPA 6010D
7440-09-7	Potassium	945 J-	1	B	EPA 6010D
7782-49-2	Selenium	2.91	1	U	EPA 6010D
7440-22-4	Silver	0.581	1	U	EPA 6010D
7440-23-5	Sodium	227 J+	1		EPA 6010D
7440-28-0	Thallium	2.91	1	U	EPA 6010D
7440-62-2	Vanadium	16.6 J-	1		EPA 6010D
7440-66-6	Zinc	148	1		EPA 6010D

MKP 9/1/2022

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 6010D

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID: QBI080822ARE_1-140

Sampled: 08/03/22 15:00 Prepared: 08/08/22 13:13 Analyzed: 08/08/22 17:58

Solids: 0.00 Preparation: EPA 3015A Initial/Final: 45 mL / 50 mL

Batch: BH20467 Sequence: Y2H0908 Calibration: 08/08/22 1 Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7429-90-5	Aluminum	0.056	1	U	EPA 6010D
7440-36-0	Antimony	0.028 UJ	1	U	EPA 6010D
7440-38-2	Arsenic	0.017	1	U	EPA 6010D
7440-39-3	Barium	0.028	1	U	EPA 6010D
7440-41-7	Beryllium	0.001	1		EPA 6010D
7440-43-9	Cadmium	0.003	1	U	EPA 6010D
7440-70-2	Calcium 0.961 UJ	0.961	1	B	EPA 6010D
7440-47-3	Chromium	0.006	1	U	EPA 6010D
7440-48-4	Cobalt	0.004	1	U	EPA 6010D
7440-50-8	Copper	0.022	1	U	EPA 6010D
7439-89-6	Iron	0.278	1	U	EPA 6010D
7439-92-1	Lead	0.006	1	U	EPA 6010D
7439-95-4	Magnesium	0.056	1	U	EPA 6010D
7439-96-5	Manganese	0.006	1	U	EPA 6010D
7440-02-0	Nickel	0.027	1		EPA 6010D
7440-09-7	Potassium	0.056	1	U	EPA 6010D
7782-49-2	Selenium	0.028 UJ	1	U	EPA 6010D
7440-22-4	Silver	0.006	1	U	EPA 6010D
7440-23-5	Sodium	0.556	1	U	EPA 6010D
7440-28-0	Thallium	0.028	1	U	EPA 6010D
7440-62-2	Vanadium	0.011	1	U	EPA 6010D
7440-66-6	Zinc	0.028	1	U	EPA 6010D

MKP 9/1/2022

York Analytical Laboratories, Inc.

SDG: 22H0308

CLASS: HG

METHOD: EPA 7470

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 7470

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/21/2022 Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7470

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID: QBHg08082022A-042

Sampled: 08/03/22 15:00 Prepared: 08/08/22 17:44 Analyzed: 08/08/22 17:44

Solids: 0.00 Preparation: EPA SW846-7470A Initial/Final: 100 mL / 100 mL

Batch: BH20493 Sequence: Calibration: 08/08/22 1 Instrument: Buck 410

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0002	1	U	EPA 7470

York Analytical Laboratories, Inc.

SDG: 22H0308

CLASS: HG

METHOD: EPA 7473

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

EPA 7473

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: Name: Cassie L. Mosher

Date: 8/29/2022 Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7473

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID: QBHg-DMA80-02 081122a-026

Sampled: 08/03/22 08:30 Prepared: 08/11/22 09:05 Analyzed: 08/11/22 12:42

Solids: 89.01 Preparation: EPA 7473 soil Initial/Final: 0.2 g / 0.2 g

Batch: BH20686 Sequence: Y2H1148 Calibration: 08/11/22 1 Instrument: DMA 80-02

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7439-97-6	Mercury	0.0337	1	U	EPA 7473

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: WET
METHOD: Calculation

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

Calculation

Laboratory: York Analytical Laboratories, Inc.

Client: P.W. Grosser Consulting

SDG: 22H0308

Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 8/21/2022

Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID:

Sampled: 08/03/22 08:30 Prepared: 08/11/22 16:24 Analyzed: 08/15/22 16:58

Solids: 89.01 Preparation: Analysis Preparation Initial/Final: 2.5 g / 100 mL

Batch: BH20742 Sequence: Calibration: 08/15/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	12.4	1		Calculation

FORM I **INORGANIC ANALYSIS DATA SHEET**

Calculation

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID:

Sampled: 08/03/22 15:00 Prepared: 08/12/22 13:05 Analyzed: 08/15/22 17:39

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BH20806 Sequence: Calibration: 08/15/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
16065-83-1	Chromium, Trivalent	0.0100	1	U	Calculation

York Analytical Laboratories, Inc.
SDG: 22H0308
CLASS: WET
METHOD: EPA 7196A

DATA PACKAGE COVER PAGE

EPA 7196A

Laboratory: York Analytical Laboratories, Inc.

SDG: 22H0308

Client: P.W. Grosser Consulting

Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17
EB001	22H0308-18

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:

Name: Cassie L. Mosher

Date: 8/21/2022

Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID:

Sampled: 08/03/22 08:30 Prepared: 08/11/22 09:39 Analyzed: 08/11/22 16:58

Solids: 89.01 Preparation: EPA SW846-3060 Initial/Final: 2.5 g / 100 mL

Batch: BH20691 Sequence: Calibration: 08/11/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.562	1	U	EPA 7196A

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 7196A

EB001

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Water Laboratory ID: 22H0308-18 File ID:

Sampled: 08/03/22 15:00 Prepared: 08/04/22 21:55 Analyzed: 08/04/22 22:12

Solids: 0.00 Preparation: Analysis Preparation Initial/Final: 100 mL / 100 mL

Batch: BH20346 Sequence: Calibration: 08/04/22 2 Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
18540-29-9	Chromium, Hexavalent	0.0100 UJ	1	U	EPA 7196A

MKP 9/1/2022

York Analytical Laboratories, Inc.

SDG: 22H0308

CLASS: WET

METHOD: SM 2540G

No data validation qualifiers were added

MKP 9/1/2022

DATA PACKAGE COVER PAGE

SM 2540G

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101

Client Sample Id:	Lab Sample Id:
SB024 (5-7)	22H0308-01
SB012 (6-8)	22H0308-02
SB012 (8-10)	22H0308-03
SB013 (6-8)	22H0308-04
SB023 (8-10)	22H0308-05
SB022 (8-10)	22H0308-06
SB021 (13-15)	22H0308-07
SB019 (17-19)	22H0308-08
SB020 (8-10)	22H0308-09
SB018 (3-5)	22H0308-10
SB018 (5-7)	22H0308-11
DUP004	22H0308-12
SB017 (3-5)	22H0308-13
SB014 (2-4)	22H0308-14
SB014 (4-6)	22H0308-15
SB016 (10-12)	22H0308-16
SB015 (10-12)	22H0308-17

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature:
Name: Cassie L. Mosher

Date: 8/21/2022
Title: Laboratory Manager

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540G

SB024 (5-7)

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Matrix: Soil Laboratory ID: 22H0308-01 File ID:

Sampled: 08/03/22 08:30 Prepared: 08/12/22 11:20 Analyzed: 08/12/22 14:15

Solids: 89.01 Preparation: % Solids Prep Initial/Final: 5 g / 5 g

Batch: BH20787 Sequence: Calibration: 08/12/22 1 Instrument: Inst

CAS NO.	Analyte	Concentration (%)	Dilution Factor	Q	Method
solids	% Solids	89.0	1		SM 2540G

Appendix B

Laboratory QC Documentation

FORM I

METHOD BLANK DATA SHEET

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Water	Laboratory ID:	BH20049-BLK1	File ID:	QV6244970.D
Prepared:	08/10/22 06:28	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/10/22 13:10	Instrument:	QVOA6		
Batch:	BH20049	Sequence:	Y2H1044	Calibration:	YH20009

CAS NO.	COMPOUND	CONC. (ug/L)	Q
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.88	
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	69 - 130	
SURR: p-Bromofluorobenzene	10.0	11.0	110	79 - 122	
SURR: Toluene-d8	10.0	9.98	99.8	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	271463	11.746	301412	11.743	
ISTD: Chlorobenzene-d5	710096	8.766	726358	8.766	
ISTD: Fluorobenzene	195049	5.733	193892	5.73	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YH20002
Instrument: QVOA1
Calibration Date: 07/29/22 13:50

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2744254	11.01227	8.0275	0.0231034			20	
1,1,1-Trichloroethane	2.177838	11.11005	4.3465	3.175222E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.6524077	4.365357	9.340667	2.037931E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.172301	9.221071	2.353	9.990112E-03			SPCC (0.1)	
1,1,2-Trichloroethane	0.2429962	2.775694	6.923167	1.127049E-02			SPCC (0.1)	
1,1-Dichloroethane	2.137756	4.259963	3.3845	3.610184E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.635289	3.605786	2.348833	5.871583E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.796262	5.123907	4.495833	0.0468626			20	
1,2,3-Trichlorobenzene	0.7309802	7.56302	13.2375	1.730589E-02			20	
1,2,3-Trichloropropane	0.2637771	4.707748	9.3785	2.142774E-02			20	
1,2,4,5-Tetramethylbenzene	2.309264	5.920836	11.7295	8.367539E-03			20	
1,2,4-Trichlorobenzene	0.7486493	6.782741	12.68917	1.496066E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.289245	6.342527	10.0635	3.18476E-03			20	
1,2-Dibromo-3-chloropropane	0.1843143	13.9591	11.75267	1.813217E-03			SPCC (0.05)	
1,2-Dibromoethane	0.2827169	7.544454	7.4265	1.505934E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.11746	3.183335	10.87133	0.0205481			SPCC (0.4)	
1,2-Dichloroethane	2.225601	4.131642	4.7065	5.202607E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2351478	7.169383	5.493333	2.434931E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.333596	5.95293	9.655	2.200724E-02			20	
1,3-Dichlorobenzene	1.161203	3.456503	10.36033	9.975005E-03			SPCC (0.6)	
1,3-Dichloropropane	0.4212777	5.493197	7.089833	0.0259005			20	
1,4-Dichlorobenzene	1.178997	3.908345	10.46133	1.709997E-02			SPCC (0.5)	
1,4-Dioxane	5.585473E-03	11.67961	5.635667	5.114323E-02			20	
2,2-Dichloropropane	1.690153	16.66688	3.896667	1.702485E-02			20	
2-Butanone	0.2328092	9.78093	3.9305	2.873226E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1218071	4.754491	6.058	3.493141E-02			20	
2-Chlorotoluene	1.790573	5.479904	9.538	7.609097E-03			20	
2-Hexanone	0.2668074	10.35088	7.1885	2.592396E-02			SPCC (0.1)	
4-Chlorotoluene	2.130897	5.282493	9.658333	2.703905E-02			20	
4-Methyl-2-pentanone	0.4692177	10.68861	6.354	2.903618E-02			SPCC (0.1)	
Acetone	0.9287652	17.48097	2.425667	2.181658E-02			SPCC (0.1)	
Acrolein	0.1918478	11.0305	2.2825	7.238509E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260C

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YH20009
Instrument: QVOA6
Calibration Date: 08/05/22 17:09

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.1991438	12.06497	8.896222	4.058691E-02			20	
1,1,1-Trichloroethane	1.176374	8.629548	5.130778	4.580387E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4580448	7.820942	10.18689	1.300682E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.6353846	9.784846	3.011333	9.547113E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1633785	12.25872	7.763333	2.395756E-02			SPCC (0.1)	
1,1-Dichloroethane	1.614401	7.435767	4.128111	4.932962E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.256647	8.351303	3	0.1000017			SPCC (0.1)	
1,1-Dichloropropylene	1.083569	9.805961	5.278445	5.441025E-02			20	
1,2,3-Trichlorobenzene	0.3447179	21.18517	14.15622	1.795262E-02		0.9994927	0.99	
1,2,3-Trichloropropane	0.1278335	7.918484	10.25167	0.0157205			20	
1,2,4,5-Tetramethylbenzene	1.530501	13.09292	12.62267	1.790845E-02			20	
1,2,4-Trichlorobenzene	0.4056953	21.4001	13.61011	1.174919E-02		0.9996828	SPCC (0.2)	
1,2,4-Trimethylbenzene	1.841007	5.874223	10.941	2.429359E-02			20	
1,2-Dibromo-3-chloropropane	7.751053E-02	18.92807	12.66144	3.226271E-02			SPCC (0.05)	
1,2-Dibromoethane	0.161011	11.9892	8.288667	1.099994E-02			SPCC (0.1)	
1,2-Dichlorobenzene	0.8879758	6.28292	11.77067	2.451742E-02			SPCC (0.4)	
1,2-Dichloroethane	1.227846	6.812104	5.500333	3.228434E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2671517	11.25067	6.324556	4.056768E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.872401	5.832282	10.52367	0.0284346			20	
1,3-Dichlorobenzene	0.9500563	7.974284	11.26044	8.979381E-03			SPCC (0.6)	
1,3-Dichloropropane	0.3029364	9.945728	7.929111	2.307302E-02			20	
1,4-Dichlorobenzene	0.9591148	6.967009	11.37844	1.931898E-02			SPCC (0.5)	
1,4-Dioxane	8.651157E-04	12.50415	6.393222	9.035272E-02			20	
2,2-Dichloropropane	0.9294307	19.25245	4.662	5.365169E-02			20	
2-Butanone	6.072659E-02	7.713998	4.625333	0.2033977			SPCC (0.1)	
2-Chlorotoluene	1.817946	5.82585	10.41889	2.582423E-02			20	
2-Hexanone	0.1362301	20.28126	7.966444	8.335825E-02		0.9995534	SPCC (0.1)	
4-Chlorotoluene	1.810837	5.784983	10.55511	1.629139E-02			20	
4-Methyl-2-pentanone	0.1990613	18.34095	7.118444	4.142235E-02			SPCC (0.1)	
Acetone	0.250375	28.00393	3.016333	0.1491793		0.9977862	SPCC (0.1)	
Acrolein	9.300085E-02	10.85964	2.892333	0.2054652			20	
Acrylonitrile	0.2122489	14.88188	3.655	0.236536			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0308

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YH20002 **Laboratory ID:** Y2H0220-SCV1

Sequence: Y2H0220 **Standard ID:** Y22G207

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
4-Methyl-2-pentanone	50.0	42.2	-15.7	30.00
Acetone	50.0	29.4	-41.2 *	30.00
Acrolein	50.0	30.8	-38.4 *	30.00
Acrylonitrile	50.0	52.8	5.6	30.00
Benzene	50.0	50.3	0.6	30.00
Bromobenzene	50.0	48.5	-3.1	30.00
Bromochloromethane	50.0	50.7	1.5	30.00
Bromodichloromethane	50.0	50.4	0.9	30.00
Bromoform	50.0	47.2	-5.5	30.00
Bromomethane	50.0	43.7	-12.6	30.00
Carbon disulfide	50.0	46.9	-6.2	30.00
Carbon tetrachloride	50.0	50.6	1.2	30.00
Chlorobenzene	50.0	51.3	2.5	30.00
Chloroethane	50.0	47.3	-5.3	30.00
Chloroform	50.0	49.2	-1.6	30.00
Chloromethane	50.0	52.7	5.4	30.00
cis-1,2-Dichloroethylene	50.0	48.8	-2.4	30.00
cis-1,3-Dichloropropylene	50.0	49.9	-0.1	30.00
Cyclohexane	50.0	50.0	-0.1	30.00
Dibromochloromethane	50.0	50.9	1.9	30.00
Dibromomethane	50.0	47.8	-4.4	30.00
Dichlorodifluoromethane	50.0	61.3	22.6	30.00
Ethyl Benzene	50.0	50.2	0.3	30.00
Hexachlorobutadiene	50.0	48.5	-3.0	30.00
Isopropylbenzene	50.0	52.7	5.4	30.00
Methyl acetate	50.0	48.6	-2.8	30.00
Methyl tert-butyl ether (MTBE)	50.0	53.2	6.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0308

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YH20009 **Laboratory ID:** Y2H0935-SCV1

Sequence: Y2H0935 **Standard ID:** Y22G208

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	9.26	-7.4	30.00
1,1,1-Trichloroethane	10.0	9.48	-5.2	30.00
1,1,2,2-Tetrachloroethane	10.0	10.3	2.9	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.75	-2.5	30.00
1,1,2-Trichloroethane	10.0	9.43	-5.7	30.00
1,1-Dichloroethane	10.0	9.21	-7.9	30.00
1,1-Dichloroethylene	10.0	9.45	-5.5	30.00
1,2,3-Trichlorobenzene	10.0	9.18	-8.2	30.00
1,2,3-Trichloropropane	10.0	10.4	4.0	30.00
1,2,4-Trichlorobenzene	10.0	9.27	-7.3	30.00
1,2,4-Trimethylbenzene	10.0	9.68	-3.2	30.00
1,2-Dibromo-3-chloropropane	10.0	8.64	-13.6	30.00
1,2-Dibromoethane	10.0	9.66	-3.4	30.00
1,2-Dichlorobenzene	10.0	9.69	-3.1	30.00
1,2-Dichloroethane	10.0	9.40	-6.0	30.00
1,2-Dichloropropane	10.0	9.23	-7.7	30.00
1,3,5-Trimethylbenzene	10.0	9.72	-2.8	30.00
1,3-Dichlorobenzene	10.0	9.56	-4.4	30.00
1,3-Dichloropropane	10.0	9.32	-6.8	30.00
1,4-Dichlorobenzene	10.0	9.53	-4.7	30.00
1,4-Dioxane	210	233	11.2	30.00
2-Butanone	10.0	10.6	5.6	30.00
2-Hexanone	10.0	9.40	-6.0	30.00
4-Methyl-2-pentanone	10.0	9.81	-1.9	30.00
Acetone	10.0	11.7	17.2	30.00
Acrolein	10.0	5.85	-41.5 *	30.00
Acrylonitrile	10.0	9.35	-6.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260C

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0308

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YH20009 **Laboratory ID:** Y2H0935-SCV1

Sequence: Y2H0935 **Standard ID:** Y22G208

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Benzene	10.0	9.39	-6.1	30.00
Bromochloromethane	10.0	9.27	-7.3	30.00
Bromodichloromethane	10.0	9.20	-8.0	30.00
Bromoform	10.0	9.44	-5.6	30.00
Bromomethane	10.0	10.6	6.3	30.00
Carbon disulfide	10.0	10.0	0.0	30.00
Carbon tetrachloride	10.0	9.66	-3.4	30.00
Chlorobenzene	10.0	9.83	-1.7	30.00
Chloroethane	10.0	10.6	5.5	30.00
Chloroform	10.0	9.54	-4.6	30.00
Chloromethane	10.0	13.5	35.1 *	30.00
cis-1,2-Dichloroethylene	10.0	9.17	-8.3	30.00
cis-1,3-Dichloropropylene	10.0	9.17	-8.3	30.00
Cyclohexane	10.0	3.93	-60.7 *	30.00
Dibromochloromethane	10.0	9.32	-6.8	30.00
Dibromomethane	10.0	9.48	-5.2	30.00
Dichlorodifluoromethane	10.0	15.3	53.2 *	30.00
Ethyl Benzene	10.0	9.76	-2.4	30.00
Hexachlorobutadiene	10.0	10.0	0.5	30.00
Isopropylbenzene	10.0	10.3	2.7	30.00
Methyl acetate	10.0	8.62	-13.8	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.39	-6.1	30.00
Methylcyclohexane	10.0	8.73	-12.7	30.00
Methylene chloride	10.0	9.21	-7.9	30.00
Naphthalene	10.0	9.02	-9.8	30.00
n-Butylbenzene	10.0	9.29	-7.1	30.00
n-Propylbenzene	10.0	10.0	0.0	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA1	Calibration:	YH20002
Lab File ID:	QV125355.D	Calibration Date:	07/29/22 13:50
Sequence:	Y2H1009	Injection Date:	08/08/22
Lab Sample ID:	Y2H1009-CCV1	Injection Time:	21:07

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	52.3	0.2744254	0.2870751		4.6	20	
1,1,1-Trichloroethane	A	50.0	48.8	2.177838	2.125535	0.1	-2.4	20	
1,1,2,2-Tetrachloroethane	A	50.0	50.1	0.6524077	0.6542306	0.3	0.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	37.0	1.172301	0.8679408	0.1	-26.0	20	*
1,1,2-Trichloroethane	A	50.0	47.9	0.2429962	0.2327889	0.1	-4.2	20	
1,1-Dichloroethane	A	50.0	45.4	2.137756	1.940242	0.2	-9.2	20	
1,1-Dichloroethylene	A	50.0	36.5	1.635289	1.193389	0.1	-27.0	20	*
1,1-Dichloropropylene	A	50.0	44.7	1.796262	1.604283		-10.7	20	
1,2,3-Trichlorobenzene	A	50.0	52.1	0.7309802	0.7622367		4.3	20	
1,2,3-Trichloropropane	A	50.0	53.4	0.2637771	0.2816321		6.8	20	
1,2,4-Trichlorobenzene	A	50.0	51.1	0.7486493	0.765404	0.2	2.2	20	
1,2,4-Trimethylbenzene	A	50.0	51.8	2.289245	2.373503		3.7	20	
1,2-Dibromo-3-chloropropane	A	50.0	55.1	0.1843143	0.2031276	0.05	10.2	20	
1,2-Dibromoethane	A	50.0	50.4	0.2827169	0.2850596	0.1	0.8	20	
1,2-Dichlorobenzene	A	50.0	50.8	1.11746	1.135852	0.4	1.6	20	
1,2-Dichloroethane	A	50.0	44.7	2.225601	1.991524	0.1	-10.5	20	
1,2-Dichloropropane	A	50.0	47.4	0.2351478	0.2228641	0.1	-5.2	20	
1,3,5-Trimethylbenzene	A	50.0	51.3	2.333596	2.392761		2.5	20	
1,3-Dichlorobenzene	A	50.0	50.3	1.161203	1.168301	0.6	0.6	20	
1,3-Dichloropropane	A	50.0	48.8	0.4212777	0.4114994		-2.3	20	
1,4-Dichlorobenzene	A	50.0	50.0	1.178997	1.177843	0.5	-0.1	20	
1,4-Dioxane	A	1000	1000	5.585473E-03	5.585648E-03		0.003	20	
2,2-Dichloropropane	A	50.0	45.8	1.690153	1.549961		-8.3	20	
2-Butanone	A	50.0	42.4	0.2328092	0.1972853	0.1	-15.3	20	
2-Chlorotoluene	A	50.0	51.1	1.790573	1.830999		2.3	20	
2-Hexanone	A	50.0	47.5	0.2668074	0.2532538	0.1	-5.1	20	
4-Chlorotoluene	A	50.0	50.5	2.130897	2.15265		1.0	20	
4-Methyl-2-pentanone	A	50.0	48.9	0.4692177	0.4588942	0.1	-2.2	20	
Acetone	A	50.0	33.8	0.9287652	0.627517	0.1	-32.4	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA1	Calibration:	YH20002
Lab File ID:	QV125355.D	Calibration Date:	07/29/22 13:50
Sequence:	Y2H1009	Injection Date:	08/08/22
Lab Sample ID:	Y2H1009-CCV1	Injection Time:	21:07

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acrolein	A	50.0	49.3	0.1918478	0.189283		-1.3	20	
Acrylonitrile	A	50.0	42.4	0.6362741	0.5392114		-15.3	20	
Benzene	A	50.0	44.4	4.503904	3.99591	0.5	-11.3	20	
Bromobenzene	A	50.0	50.4	0.9574725	0.9648463		0.8	20	
Bromochloromethane	A	50.0	42.4	1.047756	0.8889594		-15.2	20	
Bromodichloromethane	A	50.0	51.9	0.3776081	0.3918938	0.2	3.8	20	
Bromoform	A	50.0	48.5	0.1598889	0.1796842	0.1	-3.0	20	
Bromomethane	A	50.0	32.8	0.7263089	0.4762813	0.1	-34.4	20	*
Carbon disulfide	A	50.0	45.5	2.668503	2.428406	0.1	-9.0	20	
Carbon tetrachloride	A	50.0	48.8	1.941658	1.893886	0.1	-2.5	20	
Chlorobenzene	A	50.0	49.2	0.737192	0.7254291	0.5	-1.6	20	
Chloroethane	A	50.0	37.0	0.6746688	0.4993737	0.1	-26.0	20	*
Chloroform	A	50.0	46.4	2.457069	2.277879	0.2	-7.3	20	
Chloromethane	A	50.0	36.1	1.199281	0.8648526	0.1	-27.9	20	*
cis-1,2-Dichloroethylene	A	50.0	45.5	2.102528	1.915047	0.1	-8.9	20	
cis-1,3-Dichloropropylene	A	50.0	50.6	0.4079211	0.4126469	0.2	1.2	20	
Cyclohexane	A	50.0	43.1	2.117981	1.82495	0.1	-13.8	20	
Dibromochloromethane	A	50.0	54.3	0.2908186	0.3158352	0.1	8.6	20	
Dibromomethane	A	50.0	48.2	0.1781726	0.1717865		-3.6	20	
Dichlorodifluoromethane	A	50.0	32.9	1.552681	1.021531	0.1	-34.2	20	*
Ethyl Benzene	A	50.0	50.0	1.276746	1.27743	0.1	0.05	20	
Hexachlorobutadiene	A	50.0	51.8	0.3762162	0.3899112		3.6	20	
Isopropylbenzene	A	50.0	53.4	2.540188	2.714942	0.1	6.9	20	
Methyl acetate	A	50.0	43.0	1.320067	1.134458	0.1	-14.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	48.8	3.503354	3.416323	0.1	-2.5	20	
Methylcyclohexane	A	50.0	48.8	0.4756863	0.4644991	0.1	-2.4	20	
Methylene chloride	A	50.0	42.5	1.608706	1.367553	0.1	-15.0	20	
n-Butylbenzene	A	50.0	48.9	2.854953	2.79276		-2.2	20	
n-Propylbenzene	A	50.0	51.6	2.876597	2.967685		3.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA1	Calibration:	YH20002
Lab File ID:	QV125355.D	Calibration Date:	07/29/22 13:50
Sequence:	Y2H1009	Injection Date:	08/08/22
Lab Sample ID:	Y2H1009-CCV1	Injection Time:	21:07

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
o-Xylene	A	50.0	50.5	1.017778	1.027482	0.3	1.0	20	
p- & m- Xylenes	A	100	100	1.003229	1.006674	0.1	0.3	20	
p-Isopropyltoluene	A	50.0	52.1	2.491111	2.595591		4.2	20	
sec-Butylbenzene	A	50.0	52.3	2.809638	2.939001		4.6	20	
Styrene	A	50.0	49.9	0.8384946	0.836075	0.3	-0.3	20	
tert-Butyl alcohol (TBA)	A	50.0	45.3	0.1734212	0.1572126		-9.3	20	
tert-Butylbenzene	A	50.0	52.1	2.10627	2.193297		4.1	20	
Tetrachloroethylene	A	50.0	56.7	0.3008318	0.3414033	0.2	13.5	20	
Toluene	A	50.0	47.7	1.104356	1.054007	0.4	-4.6	20	
trans-1,2-Dichloroethylene	A	50.0	44.7	1.828181	1.635362	0.1	-10.5	20	
trans-1,3-Dichloropropylene	A	50.0	51.8	0.3941782	0.4087454	0.1	3.7	20	
Trichloroethylene	A	50.0	49.7	0.2741188	0.2722723	0.2	-0.7	20	
Trichlorofluoromethane	A	50.0	35.5	2.084694	1.478603	0.1	-29.1	20	*
Vinyl acetate	A	50.0	43.4	4.502959	3.9066		-13.2	20	
Vinyl Chloride	A	50.0	35.8	1.162688	0.8323281	0.1	-28.4	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA6	Calibration:	YH20009
Lab File ID:	QV6244966.D	Calibration Date:	08/05/22 17:09
Sequence:	Y2H1044	Injection Date:	08/10/22
Lab Sample ID:	Y2H1044-CCV1	Injection Time:	11:09

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.96	0.1991438	0.1984311		-0.4	20	
1,1,1-Trichloroethane	A	10.0	10.5	1.176374	1.240072	0.1	5.4	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.4580448	0.4740322	0.3	3.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	0.6353846	0.6838188	0.1	7.6	20	
1,1,2-Trichloroethane	A	10.0	9.95	0.1633785	0.1625135	0.1	-0.5	20	
1,1-Dichloroethane	A	10.0	10.6	1.614401	1.711143	0.2	6.0	20	
1,1-Dichloroethylene	A	10.0	10.9	1.256647	1.368117	0.1	8.9	20	
1,2,3-Trichlorobenzene	A	10.0	9.75	0.3447179	0.2976856		-2.5	20	
1,2,3-Trichloropropane	A	10.0	10.4	0.1278335	0.1333855		4.3	20	
1,2,4-Trichlorobenzene	A	10.0	9.85	0.4056953	0.3555731	0.2	-1.5	20	
1,2,4-Trimethylbenzene	A	10.0	10.5	1.841007	1.936804		5.2	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.01	7.751053E-02	0.0698446	0.05	-9.9	20	
1,2-Dibromoethane	A	10.0	9.90	0.161011	0.1594228	0.1	-1.0	20	
1,2-Dichlorobenzene	A	10.0	10.2	0.8879758	0.9049806	0.4	1.9	20	
1,2-Dichloroethane	A	10.0	10.5	1.227846	1.285014	0.1	4.7	20	
1,2-Dichloropropane	A	10.0	10.1	0.2671517	0.2707384	0.1	1.3	20	
1,3,5-Trimethylbenzene	A	10.0	10.5	1.872401	1.972626		5.4	20	
1,3-Dichlorobenzene	A	10.0	9.96	0.9500563	0.9460307	0.6	-0.4	20	
1,3-Dichloropropane	A	10.0	10.2	0.3029364	0.307873		1.6	20	
1,4-Dichlorobenzene	A	10.0	9.95	0.9591148	0.954743	0.5	-0.5	20	
1,4-Dioxane	A	200	300	8.651157E-04	1.295986E-03		49.8	20	*
2-Butanone	A	10.0	10.6	6.072659E-02	6.457203E-02	0.1	6.3	20	
2-Hexanone	A	10.0	10.7	0.1362301	0.1493754	0.1	7.3	20	
4-Methyl-2-pentanone	A	10.0	10.5	0.1990613	0.2098345	0.1	5.4	20	
Acetone	A	10.0	13.7	0.250375	0.2223196	0.1	36.8	20	*
Acrolein	A	10.0	10.0	9.300085E-02	9.296928E-02		-0.03	20	
Acrylonitrile	A	10.0	10.4	0.2122489	0.2208601		4.1	20	
Benzene	A	10.0	10.3	3.101336	3.202226	0.5	3.3	20	
Bromochloromethane	A	10.0	10.6	0.8972922	0.9520919		6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA6	Calibration:	YH20009
Lab File ID:	QV6244966.D	Calibration Date:	08/05/22 17:09
Sequence:	Y2H1044	Injection Date:	08/10/22
Lab Sample ID:	Y2H1044-CCV1	Injection Time:	11:09

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	10.2	0.295827	0.3008998	0.2	1.7	20	
Bromoform	A	10.0	8.91	8.815305E-02	8.133042E-02	0.1	-10.9	20	
Bromomethane	A	10.0	7.12	0.322783	0.2173272	0.1	-28.8	20	*
Carbon disulfide	A	10.0	10.2	1.708471	1.737245	0.1	1.7	20	
Carbon tetrachloride	A	10.0	10.7	0.9874571	1.059925	0.1	7.3	20	
Chlorobenzene	A	10.0	9.89	0.5268167	0.5211397	0.5	-1.1	20	
Chloroethane	A	10.0	11.1	0.5754039	0.6401038	0.1	11.2	20	
Chloroform	A	10.0	10.3	1.420969	1.459359	0.2	2.7	20	
Chloromethane	A	10.0	14.0	0.6341921	0.8910579	0.1	40.5	20	*
cis-1,2-Dichloroethylene	A	10.0	10.5	1.531426	1.612671	0.1	5.3	20	
cis-1,3-Dichloropropylene	A	10.0	10.2	0.3411883	0.3473205	0.2	1.8	20	
Cyclohexane	A	10.0	11.0	3.650395	4.025483	0.1	10.3	20	
Dibromochloromethane	A	10.0	9.70	0.1873827	0.1817423	0.1	-3.0	20	
Dibromomethane	A	10.0	10.2	0.1217344	0.124206		2.0	20	
Dichlorodifluoromethane	A	10.0	11.3	0.5167618	0.5862284	0.1	13.4	20	
Ethyl Benzene	A	10.0	10.7	0.9608215	1.028858	0.1	7.1	20	
Hexachlorobutadiene	A	10.0	10.7	0.1654016	0.1400442		7.1	20	
Isopropylbenzene	A	10.0	10.6	2.161155	2.299172	0.1	6.4	20	
Methyl acetate	A	10.0	11.0	0.4893174	0.5372114	0.1	9.8	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.2	2.109082	2.157062	0.1	2.3	20	
Methylcyclohexane	A	10.0	10.7	0.3627125	0.3875981	0.1	6.9	20	
Methylene chloride	A	10.0	10.9	1.369972	1.495704	0.1	9.2	20	
Naphthalene	A	10.0	9.12	1.00085	0.9131985		-8.8	20	
n-Butylbenzene	A	10.0	11.2	2.12257	2.388883		12.5	20	
n-Propylbenzene	A	10.0	11.1	2.559155	2.848364		11.3	20	
o-Xylene	A	10.0	10.5	0.7584667	0.7995658	0.3	5.4	20	
p- & m- Xylenes	A	20.0	21.6	0.7369423	0.7964482	0.1	8.1	20	
p-Diethylbenzene	A	10.0	10.8	1.100614	1.192089		8.3	20	
p-Ethyltoluene	A	10.0	10.7	1.979016	2.114866		6.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260C

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	QVOA6	Calibration:	YH20009
Lab File ID:	QV6244966.D	Calibration Date:	08/05/22 17:09
Sequence:	Y2H1044	Injection Date:	08/10/22
Lab Sample ID:	Y2H1044-CCV1	Injection Time:	11:09

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
p-Isopropyltoluene	A	10.0	10.7	1.854384	1.978305		6.7	20
sec-Butylbenzene	A	10.0	11.0	2.210624	2.429011		9.9	20
Styrene	A	10.0	10.4	0.5949683	0.6195994	0.3	4.1	20
tert-Butyl alcohol (TBA)	A	10.0	14.8	0.0990559	0.1038052		48.3	20 *
tert-Butylbenzene	A	10.0	10.5	1.761607	1.853473		5.2	20
Tetrachloroethylene	A	10.0	9.51	0.1982312	0.1885048	0.2 *	-4.9	20
Toluene	A	10.0	9.89	0.8928108	0.8833619	0.4	-1.1	20
trans-1,2-Dichloroethylene	A	10.0	10.4	1.286509	1.333051	0.1	3.6	20
trans-1,3-Dichloropropylene	A	10.0	10.5	0.2946666	0.3086026	0.1	4.7	20
Trichloroethylene	A	10.0	9.76	0.2131354	0.2080255	0.2	-2.4	20
Trichlorofluoromethane	A	10.0	11.0	1.057441	1.166386	0.1	10.3	20
Vinyl Chloride	A	10.0	12.4	0.8326189	1.032271	0.1	24.0	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Soil		
Batch:	BH20510	Laboratory ID:	BH20510-BS1
Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	0.831	0.779	93.8	10 - 141
Acenaphthene	0.831	0.795	95.8	30 - 121
Acenaphthylene	0.831	0.725	87.2	30 - 115
Acetophenone	0.831	0.835	101	20 - 112
Aniline	0.831	0.591	71.2	10 - 119
Anthracene	0.831	0.859	103	34 - 118
Atrazine	0.831	0.965	116 *	26 - 112
Benzaldehyde	0.831	0.699	84.2	21 - 100
Benzo(a)anthracene	0.831	0.854	103	32 - 122
Benzo(a)pyrene	0.831	0.832	100	29 - 133
Benzo(b)fluoranthene	0.831	0.847	102	25 - 133
Benzo(g,h,i)perylene	0.831	0.877	106	10 - 143
Benzo(k)fluoranthene	0.831	0.846	102	25 - 128
Benzoic acid	0.831	0.311	37.5	10 - 140
Benzyl alcohol	0.831	0.751	90.4	30 - 115
Benzyl butyl phthalate	0.831	0.837	101	26 - 126
Bis(2-chloroethoxy)methane	0.831	0.725	87.3	19 - 132
Bis(2-chloroethyl)ether	0.831	0.687	82.7	19 - 125
Bis(2-chloroisopropyl)ether	0.831	0.417	50.2	20 - 135
Bis(2-ethylhexyl)phthalate	0.831	0.939	113	10 - 155
Caprolactam	0.831	0.776	93.4	10 - 127
Carbazole	0.831	0.857	103	35 - 123
Chrysene	0.831	0.834	100	32 - 123
Dibenzo(a,h)anthracene	0.831	0.938	113	10 - 136
Dibenzofuran	0.831	0.775	93.4	29 - 121
Diethyl phthalate	0.831	0.829	99.8	34 - 116
Dimethyl phthalate	0.831	0.796	95.8	35 - 124
Di-n-butyl phthalate	0.831	0.834	100	31 - 116
Di-n-octyl phthalate	0.831	1.02	123	26 - 136
Fluoranthene	0.831	0.862	104	33 - 122

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Soil		
Batch:	BH20510	Laboratory ID:	BH20510-BS1
Preparation:	EPA 3546 SVOA	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Fluorene	0.831	0.770	92.8	29 - 123
Hexachlorobenzene	0.831	0.794	95.6	21 - 124
Hexachlorobutadiene	0.831	0.867	104	10 - 149
Hexachlorocyclopentadiene	0.831	0.450	54.2	10 - 129
Hexachloroethane	0.831	0.720	86.7	28 - 108
Indeno(1,2,3-cd)pyrene	0.831	1.16	140 *	10 - 135
Isophorone	0.831	0.758	91.3	20 - 132
Naphthalene	0.831	0.752	90.5	23 - 124
Nitrobenzene	0.831	0.819	98.6	13 - 132
N-Nitrosodimethylamine	0.831	0.579	69.7	11 - 129
N-nitroso-di-n-propylamine	0.831	0.754	90.8	24 - 119
N-Nitrosodiphenylamine	0.831	0.943	113	22 - 152
Pentachlorophenol	0.831	0.552	66.5	10 - 139
Phenanthrene	0.831	0.824	99.2	33 - 123
Phenol	0.831	0.770	92.7	23 - 115
Pyrene	0.831	0.758	91.2	24 - 130
Pyridine	0.831	0.512	61.6	10 - 91

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Water		
Batch:	BH20583	Laboratory ID:	BH20583-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	18.7	74.7	70 - 95
1,2,4,5-Tetrachlorobenzene	25.0	19.2	76.9	70 - 120
1,2,4-Trichlorobenzene	25.0	16.3	65.0	20 - 118
1,2-Dichlorobenzene	25.0	14.3	57.2	29 - 111
1,2-Diphenylhydrazine (as Azobenzene)	25.0	16.3	65.3	16 - 141
1,3-Dichlorobenzene	25.0	13.6	54.3	23 - 117
1,4-Dichlorobenzene	25.0	14.9	59.7	30 - 105
2,3,4,6-Tetrachlorophenol	25.0	22.8	91.3	70 - 130
2,4,5-Trichlorophenol	25.0	20.1	80.4	70 - 114
2,4,6-Trichlorophenol	25.0	17.9	71.4	70 - 118
2,4-Dichlorophenol	25.0	18.3	73.3	70 - 116
2,4-Dimethylphenol	25.0	14.4	57.4 *	70 - 116
2,4-Dinitrophenol	25.0	19.7	78.8	20 - 160
2,4-Dinitrotoluene	25.0	21.1	84.3	70 - 128
2,6-Dinitrotoluene	25.0	20.9	83.5	70 - 116
2-Chloronaphthalene	25.0	16.0	64.1 *	70 - 112
2-Chlorophenol	25.0	13.0	52.0 *	70 - 120
2-Methylnaphthalene	25.0	17.0	68.0 *	70 - 118
2-Methylphenol	25.0	11.8	47.2 *	70 - 110
2-Nitroaniline	25.0	19.2	76.9	70 - 129
2-Nitrophenol	25.0	16.6	66.3 *	70 - 118
3- & 4-Methylphenols	25.0	10.1	40.5	20 - 107
3,3-Dichlorobenzidine	25.0	23.6	94.3	70 - 160
3-Nitroaniline	25.0	20.0	80.0	70 - 134
4,6-Dinitro-2-methylphenol	25.0	20.7	82.6	70 - 153
4-Bromophenyl phenyl ether	25.0	16.8	67.2 *	70 - 120
4-Chloro-3-methylphenol	25.0	18.2	72.9	70 - 120
4-Chloroaniline	25.0	15.2	60.8 *	70 - 147
4-Chlorophenyl phenyl ether	25.0	18.7	75.0	70 - 121
4-Nitroaniline	25.0	16.6	66.3 *	70 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Water		
Batch:	BH20583	Laboratory ID:	BH20583-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
4-Nitrophenol	25.0	7.47	29.9	20 - 131
Acetophenone	25.0	19.8	79.4	70 - 110
Aniline	25.0	11.7	46.9	10 - 117
Benzaldehyde	25.0	15.7	62.7	29 - 117
Benzoic acid	25.0	3.00	12.0 *	30 - 130
Benzyl alcohol	25.0	11.5	46.0	10 - 117
Benzyl butyl phthalate	25.0	18.9	75.6	70 - 130
Bis(2-chloroethoxy)methane	25.0	14.1	56.3 *	70 - 130
Bis(2-chloroethyl)ether	25.0	15.4	61.4 *	70 - 125
Bis(2-chloroisopropyl)ether	25.0	8.76	35.0 *	70 - 130
Caprolactam	25.0	3.30	13.2 *	20 - 137
Carbazole	25.0	17.0	68.0 *	70 - 126
Dibenzofuran	25.0	17.3	69.2 *	70 - 113
Diethyl phthalate	25.0	17.8	71.4	70 - 115
Dimethyl phthalate	25.0	17.8	71.2	70 - 129
Di-n-butyl phthalate	25.0	18.0	72.2	70 - 120
Di-n-octyl phthalate	25.0	23.4	93.5	70 - 130
Hexachlorocyclopentadiene	25.0	9.58	38.3	20 - 130
Isophorone	25.0	16.6	66.6 *	70 - 127
N-nitroso-di-n-propylamine	25.0	16.8	67.3 *	70 - 122
N-Nitrosodiphenylamine	25.0	18.8	75.1	70 - 130
Phenol	25.0	5.75	23.0	20 - 110
Pyridine	25.5	9.59	37.6	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Water		
Batch:	BH20583	Laboratory ID:	BH20583-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4-Nitrophenol	25.0	7.26	29.0	2.85	20	10 - 131
Acetophenone	25.0	21.8	87.2	9.37	20	25 - 110
Aniline	25.0	11.9	47.6	1.44	20	10 - 117
Benzaldehyde	25.0	17.3	69.2	9.77	20	29 - 117
Benzoic acid	25.0	ND	*		20	30 - 130
Benzyl alcohol	25.0	12.2	48.8	5.99	20	10 - 117
Benzyl butyl phthalate	25.0	20.7	82.8	8.99	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	15.0	60.2	6.66	20	10 - 154
Bis(2-chloroethyl)ether	25.0	15.2	60.6	1.31	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	8.56	34.2	2.31	20	10 - 139
Caprolactam	25.0	4.24	17.0	24.9 *	20	10 - 137
Carbazole	25.0	19.8	79.1	15.1	20	42 - 126
Dibenzofuran	25.0	18.6	74.3	7.13	20	36 - 113
Diethyl phthalate	25.0	19.8	79.2	10.4	20	38 - 115
Dimethyl phthalate	25.0	18.7	74.9	5.04	20	38 - 129
Di-n-butyl phthalate	25.0	21.0	84.0	15.2	20	31 - 120
Di-n-octyl phthalate	25.0	25.1	100	7.22	20	21 - 149
Hexachlorocyclopentadiene	25.0	10.7	42.9	11.2	20	10 - 130
Isophorone	25.0	16.9	67.4	1.31	20	25 - 127
N-nitroso-di-n-propylamine	25.0	17.4	69.6	3.33	20	26 - 122
N-Nitrosodiphenylamine	25.0	21.3	85.0	12.4	20	23 - 149
Phenol	25.0	5.71	22.8	0.698	20	10 - 110
Pyridine	25.5	9.54	37.4	0.523	20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YF20018
Instrument: BNA#6
Calibration Date: 06/17/22 00:52

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6040661	9.302446	6.9	1.301556E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6669867	10.43568	6.67	0.0214244			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.4451661	14.01504	5.91	2.159444E-02			20	
1,2-Dichlorobenzene	1.524301	10.71986	5.16	1.438632E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.6153943	8.214651	8.32375	6.473395E-02			20	
1,3-Dichlorobenzene	1.604802	10.2082	5.00375	1.263617			20	
1,4-Dichlorobenzene	1.523452	12.21188	5.01	0.369336			20	
1-Methylnaphthalene	0.701667	12.3587	6.59	1.936618E-02			20	
2,3,4,6-Tetrachlorophenol	0.1439784	9.90736	7.90875	4.162457E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.4645423	9.160391	6.78	0.2730319			SPCC (0.2)	
2,4,6-Trichlorophenol	0.4189367	3.745624	6.7525	6.773887E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.3620641	8.88414	5.8475	8.092177E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.3362608	9.925783	5.69	0.0251813			SPCC (0.2)	
2,4-Dinitrophenol	0.1285248	24.61919	7.582857	6.275056E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3761214	15.79531	7.7525	5.900119E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2882118	12.226	7.32	1.624633E-02			SPCC (0.2)	
2-Chloronaphthalene	1.198964	10.48138	6.92	1.601166E-02			SPCC (0.8)	
2-Chlorophenol	1.346193	8.867287	4.88	1.563902E-02			SPCC (0.8)	
2-Methylnaphthalene	0.8326151	11.11732	6.49	1.715719E-02			SPCC (0.4)	
2-Methylphenol	1.009859	9.782444	5.2075	8.797742E-02			SPCC (0.7)	
2-Nitroaniline	0.3462645	10.16222	7.05	1.088188E-02			SPCC (0.01)	
2-Nitrophenol	0.1958415	9.945623	5.68875	6.637242E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.491757	9.745437	5.30875	6.881888E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4854192	7.209455	14.985	3.556503E-02			SPCC (0.01)	
3-Nitroaniline	0.3462645	10.16222	7.05	1.088188E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	0.0984916	19.53966	8.26	2.509701E-02			SPCC (0.01)	
4-Bromophenyl phenyl ether	0.2639755	5.328539	8.79375	5.825803E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3355252	10.46214	6.365	8.111148E-02			SPCC (0.2)	
4-Chloroaniline	0.4730099	9.716528	6.01	1.613154E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.8454714	8.413281	8.1175	5.324488E-02			SPCC (0.4)	
4-Nitroaniline	0.3137499	14.07071	8.215	6.418096E-02			SPCC (0.01)	
4-Nitrophenol	0.2089045	14.85206	7.625	6.981405E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YF20018
Instrument: BNA#6
Calibration Date: 06/17/22 00:52

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.117668	8.8235	7.53875	4.956588E-02			SPCC (0.9)	
Acenaphthylene	1.945856	8.33504	7.34	1.011355E-02			SPCC (0.9)	
Acetophenone	1.680598	15.90624	5.32	1.644662E-02			SPCC (0.01)	
Alpha Terpineol	0.1935375	10.29667	5.94	1.635945E-02			20	
Aniline	1.736722	9.338766	4.8	2.131034E-02			SPCC ()	
Anthracene	1.082039	7.177844	9.6225	4.515396E-02			SPCC (0.7)	
Atrazine	0.2244552	6.780165	9.105	5.896457E-02			SPCC (0.01)	
Benzaldehyde	1.007486	17.40595	4.7	4.442505E-03			SPCC (0.01)	
Benzidine	0.6201268	14.10351	12.1375	3.776523E-02			20	
Benzo(a)anthracene	1.355886	5.83494	14.91875	0.0409646			SPCC (0.8)	
Benzo(a)pyrene	1.251928	6.030235	17.94625	4.057459E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.317274	6.483371	17.29125	4.706389E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.177978	6.485459	20.51375	4.920894E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.390219	5.849163	17.34125	0.0474253			SPCC (0.7)	
Benzoic acid	0.2414536	64.10357	5.6975	2.686087			20	*
Benzyl alcohol	0.79774	7.903913	5.12	1.490594E-02			20	
Benzyl butyl phthalate	0.4783877	15.53038	13.88375	0.0387289			20	
Bis(2-chloroethoxy)methane	0.410892	12.06842	5.76125	0.0569546			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.161127	11.77329	4.83375	0.1076559			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.6339691	10.86491	5.23	1.645588E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.5844776	14.50922	15.2875	3.324381E-02			20	
Caprolactam	0.119838	28.21975	6.26	0.1210703			SPCC (0.01)	*
Carbazole	1.045115	7.791647	9.9175	4.839198E-02			SPCC (0.01)	
Chrysene	1.31249	8.065355	15.01625	3.717922E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.11743	4.419035	20.08625	3.350918E-02			SPCC (0.4)	
Dibenzofuran	1.867499	9.027978	7.71	0.0149464			SPCC (0.8)	
Diethyl phthalate	1.485996	6.366014	8.025	6.456948E-02			SPCC (0.01)	
Dimethyl phthalate	1.499952	7.813491	7.23	1.190377E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.234556	5.911778	10.675	5.014451E-02			SPCC (0.01)	
Di-n-octyl phthalate	0.9275063	19.34153	16.6475	2.037312E-02			SPCC (0.01)	
Diphenylamine	0.5630029	7.873651	8.28375	6.173372E-02			20	
Fluoranthene	1.431832	7.78121	11.79	4.832326E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20005
Instrument: BNA #3
Calibration Date: 07/06/22 14:58

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.6026804	6.712902	7.389625	2.620161E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.4586449	6.931688	7.14475	2.311751E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2746036	8.298579	6.33925	3.914287E-03			20	
1,2-Dichlorobenzene	1.521275	6.467798	5.568625	1.093011			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.8477411	5.090348	8.918375	3.034002E-02			20	
1,3-Dichlorobenzene	1.538842	6.910932	5.437875	1.137935			20	
1,4-Dichlorobenzene	1.620754	7.7759	5.447375	0.2184962			20	
1-Methylnaphthalene	0.635706	8.711122	7.058625	2.232673E-02			20	
2,3,4,6-Tetrachlorophenol	0.1340002	35.25725	8.549875	1.839051			SPCC (0.01)	*
2,4,5-Trichlorophenol	0.3539663	10.34241	7.294375	0.3340119			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3173649	4.693501	7.250375	0.0413019			SPCC (0.2)	
2,4-Dichlorophenol	0.2578113	8.444212	6.295125	9.354958E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.306301	8.072054	6.121	4.839431E-02			SPCC (0.2)	
2,4-Dinitrophenol	7.745674E-02	50.5651	8.149	8.497013E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.407612	6.659926	8.316125	3.185457E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2794214	5.603102	7.842125	2.400192E-02			SPCC (0.2)	
2-Chloronaphthalene	1.088024	4.994702	7.421875	2.436369E-02			SPCC (0.8)	
2-Chlorophenol	1.458551	5.039945	5.33025	4.104745E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7228022	7.897952	6.95675	0.0234176			SPCC (0.4)	
2-Methylphenol	1.236411	10.63591	5.647625	5.293809E-02			SPCC (0.7)	
2-Nitroaniline	0.3886576	9.808424	7.57175	5.005604E-02			SPCC (0.01)	
2-Nitrophenol	0.1777386	6.248622	6.106875	2.910837E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.89865	9.456745	5.74875	5.152318E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5428067	6.527853	15.736	1.932069E-02			SPCC (0.01)	
3-Nitroaniline	0.3569917	13.44498	8.032125	4.658429E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	8.426347E-02	38.61121	8.86425	3.125846E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1851372	4.91997	9.415875	2.945581E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3256256	7.729168	6.84925	5.398754E-02			SPCC (0.2)	
4-Chloroaniline	0.4227541	7.238463	6.454125	4.320691E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.5938897	5.264044	8.694625	2.392801E-02			SPCC (0.4)	
4-Nitroaniline	0.3647274	9.888667	8.836625	5.578012E-02			SPCC (0.01)	
4-Nitrophenol	0.220888	54.07907	8.21025	0.9299523			SPCC (0.01)	*

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20005
Instrument: BNA #3
Calibration Date: 07/06/22 14:58

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.100139	5.388857	8.08575	1.711952E-02			SPCC (0.9)	
Acenaphthylene	2.007858	4.24966	7.878	2.796896E-02			SPCC (0.9)	
Acetophenone	2.093046	5.543287	5.742	2.661522E-02			SPCC (0.01)	
Alpha Terpineol	0.2479218	11.74398	6.361125	1.257822E-02			20	
Aniline	3.66138	9.055429	5.243125	4.723315E-02			SPCC ()	
Anthracene	1.046836	4.548604	10.29388	0.2485845			SPCC (0.7)	
Atrazine	0.1830612	9.431395	9.738125	4.825662E-02			SPCC (0.01)	
Benzaldehyde	1.161432	7.309237	5.145	2.642085E-02			SPCC (0.01)	
Benzidine	0.4910653	11.67996	12.876	2.573781E-02			20	
Benzo(a)anthracene	1.176892	5.629854	15.69187	2.202877E-02			SPCC (0.8)	
Benzo(a)pyrene	1.155608	5.671015	18.7285	3.252315E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.207298	6.863887	18.07	3.698819E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.067317	6.140938	21.44987	4.055318E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.23685	7.181505	18.1075	0.1447563			SPCC (0.7)	
Benzoic acid	0.2251494	79.83848	6.098875	3.592455			20	*
Benzyl alcohol	1.001481	5.451051	5.554625	2.338916E-02			20	
Benzyl butyl phthalate	0.6053858	7.587856	14.58263	1.987896E-02			20	
Bis(2-chloroethoxy)methane	0.4300625	9.152683	6.172625	1.768911E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	3.367506	23.7476	5.245	0.1035559			SPCC (0.7)	*
Bis(2-chloroisopropyl)ether	1.210307	5.929882	5.64125	2.483904E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8427015	5.6234	15.95538	2.058118E-02			20	
Caprolactam	0.120753	8.309219	6.734625	0.1203312			SPCC (0.01)	
Carbazole	1.017125	7.823911	10.62025	3.049543E-02			SPCC (0.01)	
Chrysene	1.153175	5.584847	15.79125	3.008665E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.082135	11.73482	20.93675	3.582898E-02			SPCC (0.4)	
Dibenzofuran	1.705025	5.195372	8.273625	2.677407E-02			SPCC (0.8)	
Diethyl phthalate	1.427921	4.491452	8.584125	3.183038E-02			SPCC (0.01)	
Dimethyl phthalate	1.34792	4.610818	7.7365	2.532742E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.268382	7.273445	11.33487	1.869276E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.426387	12.38514	17.31512	2.041291E-02			SPCC (0.01)	
Diphenylamine	0.5739897	6.414821	8.879	3.540291E-02			20	
Fluoranthene	1.157082	4.307186	12.538	2.759391E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20005
Instrument: BNA #3
Calibration Date: 07/06/22 14:58

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.421779	4.569982	8.726125	3.031485E-02			SPCC (0.9)	
Hexachlorobenzene	9.426569E-02	8.366241	9.671875	2.734539E-02			SPCC (0.1)	
Hexachlorobutadiene	0.1440754	8.392126	6.511	2.333902E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.2652254	15.05184	7.1475	4.306088E-03			SPCC (0.05)	
Hexachloroethane	0.6123102	9.605121	5.806	0.027505			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	1.383494	9.793469	20.9075	3.675251E-02			SPCC (0.5)	
Isophorone	0.7112435	8.580805	6.02825	3.537366E-02			SPCC (0.4)	
Naphthalene	1.106619	9.210412	6.394875	1.802008E-02			SPCC (0.7)	
Nitrobenzene	0.3750263	10.04306	5.8755	2.553946E-02			SPCC (0.2)	
N-Nitrosodimethylamine	0.9017015	8.390316	3.576125	4.430849E-02			20	
N-nitroso-di-n-propylamine	1.124435	6.382766	5.745	2.911103E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2072377	5.604841	8.87925	2.405191E-02			SPCC (0.01)	
Parathion	0.1362219	25.21415	11.72	2.631696E-02			20	*
Pentachloronitrobenzene	7.692166E-02	9.399336	10.10187	3.704466E-02			20	
Pentachlorophenol	0.0552755	48.4046	9.986333	2.656654E-02			SPCC (0.05)	*
Phenanthrene	1.091425	4.805704	10.22837	3.127907E-02			SPCC (0.7)	
Phenol	2.06543	8.066228	5.235625	6.597573E-02			SPCC (0.8)	
Pyrene	1.260365	7.179972	13.01187	2.253623E-02			SPCC (0.6)	
Pyridine	1.452191	9.393262	3.58875	0.2572923			20	
SURR: 2,4,6-Tribromophenol	8.565837E-02	10.99821	9.11475	3.147897E-02			20	
SURR: 2-Fluorobiphenyl	1.331626	5.37074	7.2955	2.288137E-02			20	
SURR: 2-Fluorophenol	1.328627	4.745724	4.567625	4.484674E-02			20	
SURR: Nitrobenzene-d5	0.3763728	7.934623	5.862375	0.0254208			20	
SURR: Phenol-d5	1.830552	7.58014	5.226375	5.928634E-02			20	
SURR: Terphenyl-d14	0.89132	5.854431	13.38475	2.509418E-02			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0308

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YF20018 **Laboratory ID:** Y2F2101-SCV1

Sequence: Y2F2101 **Standard ID:** Y22C335

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	27.1	-9.8	30.00
1,2-Dichlorobenzene	30.0	27.7	-7.6	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	26.8	-10.8	30.00
1,3-Dichlorobenzene	30.0	27.8	-7.5	30.00
1,4-Dichlorobenzene	30.0	27.2	-9.5	30.00
1-Methylnaphthalene	30.0	27.9	-6.9	30.00
2,3,4,6-Tetrachlorophenol	30.0	32.4	7.9	30.00
2,4,5-Trichlorophenol	30.0	29.9	-0.5	30.00
2,4,6-Trichlorophenol	30.0	30.3	1.0	30.00
2,4-Dichlorophenol	30.0	29.8	-0.6	30.00
2,4-Dimethylphenol	30.0	28.8	-4.0	30.00
2,4-Dinitrophenol	30.0	40.0	33.5 *	30.00
2,4-Dinitrotoluene	30.0	31.2	3.8	30.00
2,6-Dinitrotoluene	30.0	32.2	7.5	30.00
2-Chloronaphthalene	30.0	28.4	-5.5	30.00
2-Chlorophenol	30.0	28.0	-6.5	30.00
2-Methylnaphthalene	30.0	27.6	-7.8	30.00
2-Methylphenol	30.0	27.5	-8.4	30.00
2-Nitroaniline	30.0	31.9	6.4	30.00
2-Nitrophenol	30.0	31.2	3.9	30.00
3- & 4-Methylphenols	30.0	24.8	-17.5	30.00
3-Nitroaniline	30.0	33.2	10.7	30.00
4,6-Dinitro-2-methylphenol	30.0	33.1	10.5	30.00
4-Bromophenyl phenyl ether	30.0	27.9	-6.9	30.00
4-Chloro-3-methylphenol	30.0	28.1	-6.3	30.00
4-Chloroaniline	30.0	29.0	-3.2	30.00
4-Chlorophenyl phenyl ether	30.0	27.3	-8.9	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 22H0308

Client: P.W. Grosser Consulting **Project:** TOT2202/2101

Calibration: YG20005 **Laboratory ID:** Y2G0630-SCV1

Sequence: Y2G0630 **Standard ID:** Y22C335

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	33.4	11.5	30.00
1,2-Dichlorobenzene	30.0	32.2	7.5	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	32.0	6.8	30.00
1,3-Dichlorobenzene	30.0	33.2	10.6	30.00
1,4-Dichlorobenzene	30.0	32.7	9.0	30.00
2,3,4,6-Tetrachlorophenol	30.0	32.9	9.8	30.00
2,4,5-Trichlorophenol	30.0	30.1	0.4	30.00
2,4,6-Trichlorophenol	30.0	31.8	6.1	30.00
2,4-Dichlorophenol	30.0	34.4	14.7	30.00
2,4-Dimethylphenol	30.0	34.9	16.2	30.00
2,4-Dinitrophenol	30.0	43.8	46.0 *	30.00
2,4-Dinitrotoluene	30.0	33.1	10.5	30.00
2,6-Dinitrotoluene	30.0	34.7	15.7	30.00
2-Chloronaphthalene	30.0	31.9	6.3	30.00
2-Chlorophenol	30.0	32.0	6.6	30.00
2-Methylnaphthalene	30.0	32.9	9.5	30.00
2-Methylphenol	30.0	33.9	13.1	30.00
2-Nitroaniline	30.0	34.9	16.3	30.00
2-Nitrophenol	30.0	34.7	15.7	30.00
3- & 4-Methylphenols	30.0	28.6	-4.8	30.00
3-Nitroaniline	30.0	32.1	7.0	30.00
4,6-Dinitro-2-methylphenol	30.0	41.6	38.7 *	30.00
4-Bromophenyl phenyl ether	30.0	32.1	7.0	30.00
4-Chloro-3-methylphenol	30.0	32.3	7.6	30.00
4-Chloroaniline	30.0	34.1	13.8	30.00
4-Chlorophenyl phenyl ether	30.0	31.4	4.7	30.00
4-Nitroaniline	30.0	33.1	10.5	30.00

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA #3	Calibration:	YG20005
Lab File ID:	SV3010586.D	Calibration Date:	07/06/22 14:58
Sequence:	Y2H1121	Injection Date:	08/11/22
Lab Sample ID:	Y2H1121-CCV1	Injection Time:	09:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.1	0.6026804	0.5645327	0.01	-6.3	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	26.8	0.4586449	0.4093964	0.01	-10.7	20	
1,2,4-Trichlorobenzene	A	30.0	26.6	0.2746036	0.2435206		-11.3	20	
1,2-Dichlorobenzene	A	30.0	30.6	1.521275	1.551661		2.0	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	40.7	0.8477411	1.15069		35.7	20	*
1,3-Dichlorobenzene	A	30.0	30.2	1.538842	1.551661		0.8	20	
1,4-Dichlorobenzene	A	30.0	28.7	1.620754	1.551658		-4.3	20	
2,3,4,6-Tetrachlorophenol	A	30.0	39.0	0.1340002	0.1743474	0.01	30.1	20	*
2,4,5-Trichlorophenol	A	30.0	27.4	0.3539663	0.3233411	0.2	-8.7	20	
2,4,6-Trichlorophenol	A	30.0	30.6	0.3173649	0.3233411	0.2	1.9	20	
2,4-Dichlorophenol	A	30.0	27.0	0.2578113	0.2316774	0.2	-10.1	20	
2,4-Dimethylphenol	A	30.0	29.6	0.306301	0.3022664	0.2	-1.3	20	
2,4-Dinitrophenol	A	30.0	56.3	7.745674E-02	0.1253388	0.01	61.8	20	*
2,4-Dinitrotoluene	A	30.0	30.6	0.407612	0.4155663	0.2	2.0	20	
2,6-Dinitrotoluene	A	30.0	29.6	0.2794214	0.2753171	0.2	-1.5	20	
2-Chloronaphthalene	A	30.0	27.0	1.088024	0.9805902	0.8	-9.9	20	
2-Chlorophenol	A	30.0	29.7	1.458551	1.442094	0.8	-1.1	20	
2-Methylnaphthalene	A	30.0	26.8	0.7228022	0.6444332	0.4	-10.8	20	
2-Methylphenol	A	30.0	31.2	1.236411	1.287375	0.7	4.1	20	
2-Nitroaniline	A	30.0	32.1	0.3886576	0.4154643	0.01	6.9	20	
2-Nitrophenol	A	30.0	28.8	0.1777386	0.1704073	0.1	-4.1	20	
3- & 4-Methylphenols	A	30.0	32.2	1.89865	2.039658	0.6	7.4	20	
3,3-Dichlorobenzidine	A	30.0	24.6	0.5428067	0.4443299	0.01	-18.1	20	
3-Nitroaniline	A	30.0	29.4	0.3569917	0.3500052	0.01	-2.0	20	
4,6-Dinitro-2-methylphenol	A	30.0	40.0	8.426347E-02	0.112235	0.01	33.2	20	*
4-Bromophenyl phenyl ether	A	30.0	27.0	0.1851372	0.166645	0.1	-10.0	20	
4-Chloro-3-methylphenol	A	30.0	33.9	0.3256256	0.3677399	0.2	12.9	20	
4-Chloroaniline	A	30.0	27.6	0.4227541	0.3885925	0.01	-8.1	20	
4-Chlorophenyl phenyl ether	A	30.0	25.5	0.5938897	0.5054698	0.4	-14.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA #3	Calibration:	YG20005
Lab File ID:	SV3010586.D	Calibration Date:	07/06/22 14:58
Sequence:	Y2H1121	Injection Date:	08/11/22
Lab Sample ID:	Y2H1121-CCV1	Injection Time:	09:58

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	29.5	0.3647274	0.3589079	0.01	-1.6	20	
4-Nitrophenol	A	30.0	41.7	0.220888	0.3071393	0.01	39.0	20	*
Acetophenone	A	30.0	33.0	2.093046	2.299734	0.01	9.9	20	
Aniline	A	30.0	31.3	3.66138	3.824245		4.4	20	
Benzaldehyde	A	30.0	29.7	1.161432	1.150851	0.01	-0.9	20	
Benzidine	A	30.0	30.6	0.4910653	0.5015634		2.1	20	
Benzoic acid	A	30.0	64.8	0.2251494	0.4862332		116	20	* R
Benzyl alcohol	A	30.0	31.8	1.001481	1.059941		5.8	20	
Benzyl butyl phthalate	A	30.0	38.8	0.6053858	0.7822658		29.2	20	*
Bis(2-chloroethoxy)methane	A	30.0	27.5	0.4300625	0.3941755	0.3	-8.3	20	
Bis(2-chloroethyl)ether	A	30.0	34.1	3.367506	3.824245	0.7	13.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	38.9	1.210307	1.570811	0.01	29.8	20	*
Caprolactam	A	30.0	32.0	0.120753	0.1288761	0.01	6.7	20	
Carbazole	A	30.0	30.2	1.017125	1.025614	0.01	0.8	20	
Dibenzofuran	A	30.0	27.6	1.705025	1.570959	0.8	-7.9	20	
Diethyl phthalate	A	30.0	30.1	1.427921	1.434123	0.01	0.4	20	
Dimethyl phthalate	A	30.0	28.3	1.34792	1.270638	0.01	-5.7	20	
Di-n-butyl phthalate	A	30.0	35.5	1.268382	1.501552	0.01	18.4	20	
Di-n-octyl phthalate	A	30.0	43.1	1.426387	2.05104	0.01	43.8	20	*
Hexachlorocyclopentadiene	A	30.0	27.8	0.2652254	0.2457882	0.05	-7.3	20	
Isophorone	A	30.0	31.3	0.7112435	0.7422612	0.4	4.4	20	
N-nitroso-di-n-propylamine	A	30.0	34.3	1.124435	1.286552	0.5	14.4	20	
N-Nitrosodiphenylamine	A	30.0	27.5	0.2072377	0.1900573	0.01	-8.3	20	
Phenol	A	30.0	30.8	2.06543	2.117871	0.8	2.5	20	
Pyridine	A	30.0	40.1	1.452191	1.941504		33.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA#6	Calibration:	YF20018
Lab File ID:	SV642498.D	Calibration Date:	06/17/22 00:52
Sequence:	Y2H1207	Injection Date:	08/09/22
Lab Sample ID:	Y2H1207-CCV1	Injection Time:	14:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	27.6	0.6040661	0.5345838	0.01	-11.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	29.0	0.6669867	0.6456978	0.01	-3.2	20	
1,2,4-Trichlorobenzene	A	30.0	24.7	0.4451661	0.3661411		-17.8	20	
1,2-Dichlorobenzene	A	30.0	26.8	1.524301	1.362635		-10.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	25.8	0.6153943	0.5288839		-14.1	20	
1,3-Dichlorobenzene	A	30.0	26.4	1.604802	1.41469		-11.8	20	
1,4-Dichlorobenzene	A	30.0	27.1	1.523452	1.37635		-9.7	20	
2,3,4,6-Tetrachlorophenol	A	30.0	29.0	0.1439784	0.1393158	0.01	-3.2	20	
2,4,5-Trichlorophenol	A	30.0	31.3	0.4645423	0.4839812	0.2	4.2	20	
2,4,6-Trichlorophenol	A	30.0	28.3	0.4189367	0.3953089	0.2	-5.6	20	
2,4-Dichlorophenol	A	30.0	27.0	0.3620641	0.3253152	0.2	-10.1	20	
2,4-Dimethylphenol	A	30.0	23.4	0.3362608	0.2618129	0.2	-22.1	20	*
2,4-Dinitrophenol	A	30.0	32.4	0.1285248	0.1236774	0.01	-3.8	20	
2,4-Dinitrotoluene	A	30.0	30.9	0.3761214	0.4147525	0.2	10.3	20	
2,6-Dinitrotoluene	A	30.0	30.4	0.2882118	0.3052099	0.2	5.9	20	
2-Chloronaphthalene	A	30.0	26.0	1.198964	1.037887	0.8	-13.4	20	
2-Chlorophenol	A	30.0	26.4	1.346193	1.185108	0.8	-12.0	20	
2-Methylnaphthalene	A	30.0	25.0	0.8326151	0.6938525	0.4	-16.7	20	
2-Methylphenol	A	30.0	25.7	1.009859	0.8664523	0.7	-14.2	20	
2-Nitroaniline	A	30.0	28.4	0.3462645	0.3407366	0.01	-1.6	20	
2-Nitrophenol	A	30.0	29.7	0.1958415	0.1936626	0.1	-1.1	20	
3- & 4-Methylphenols	A	30.0	26.8	1.491757	1.332337	0.6	-10.7	20	
3,3-Dichlorobenzidine	A	30.0	40.4	0.4854192	0.4072099	0.01	-16.1	20	
3-Nitroaniline	A	30.0	29.5	0.3462645	0.3407366	0.01	-1.6	20	
4,6-Dinitro-2-methylphenol	A	30.0	37.5	0.0984916	0.1140759	0.01	15.8	20	
4-Bromophenyl phenyl ether	A	30.0	27.3	0.2639755	0.2406117	0.1	-8.9	20	
4-Chloro-3-methylphenol	A	30.0	26.9	0.3355252	0.3009906	0.2	-10.3	20	
4-Chloroaniline	A	30.0	24.8	0.4730099	0.3911255	0.01	-17.3	20	
4-Chlorophenyl phenyl ether	A	30.0	27.1	0.8454714	0.7629933	0.4	-9.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA#6	Calibration:	YF20018
Lab File ID:	SV642498.D	Calibration Date:	06/17/22 00:52
Sequence:	Y2H1207	Injection Date:	08/09/22
Lab Sample ID:	Y2H1207-CCV1	Injection Time:	14:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	27.3	0.3137499	0.3035609	0.01	-3.2	20	
4-Nitrophenol	A	30.0	25.8	0.2089045	0.1797582	0.01	-14.0	20	
Acenaphthene	A	30.0	26.0	1.117668	0.9671896	0.9	-13.5	20	
Acenaphthylene	A	30.0	25.6	1.945856	1.658904	0.9	-14.7	20	
Acetophenone	A	30.0	30.8	1.680598	1.623868	0.01	-3.4	20	
Aniline	A	30.0	23.5	1.736722	1.360434		-21.7	20	*
Anthracene	A	30.0	27.7	1.082039	0.9978773	0.7	-7.8	20	
Atrazine	A	30.0	30.1	0.2244552	0.2276696	0.01	1.4	20	
Benzaldehyde	A	30.0	26.9	1.007486	0.90316	0.01	-10.4	20	
Benzidine	A	30.0	19.2	0.6201268	0.3959154		-36.2	20	*
Benzo(a)anthracene	A	30.0	27.4	1.355886	1.238646	0.8	-8.6	20	
Benzo(a)pyrene	A	30.0	27.4	1.251928	1.143354	0.7	-8.7	20	
Benzo(b)fluoranthene	A	30.0	26.7	1.317274	1.170881	0.7	-11.1	20	
Benzo(g,h,i)perylene	A	30.0	34.2	1.177978	1.341078	0.5	13.8	20	
Benzo(k)fluoranthene	A	30.0	26.6	1.390219	1.230369	0.7	-11.5	20	
Benzoic acid	A	30.0	16.5	0.2414536	0.1116646		-53.8	20	*
Benzyl alcohol	A	30.0	26.8	0.79774	0.7115703		-10.8	20	
Benzyl butyl phthalate	A	30.0	28.4	0.4783877	0.4839499		1.2	20	
Bis(2-chloroethoxy)methane	A	30.0	22.9	0.410892	0.313657	0.3	-23.7	20	*
Bis(2-chloroethyl)ether	A	30.0	25.1	1.161127	0.9717922	0.7	-16.3	20	
Bis(2-chloroisopropyl)ether	A	30.0	15.0	0.6339691	0.3177268	0.01	-49.9	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	31.2	0.5844776	0.6414263		9.7	20	
Caprolactam	A	30.0	24.8	0.119838	0.1059696	0.01	-11.6	20	
Carbazole	A	30.0	26.0	1.045115	0.9061463	0.01	-13.3	20	
Chrysene	A	30.0	26.7	1.31249	1.166647	0.7	-11.1	20	
Dibenzo(a,h)anthracene	A	30.0	30.1	1.11743	1.119683	0.4	0.2	20	
Dibenzofuran	A	30.0	25.9	1.867499	1.61164	0.8	-13.7	20	
Diethyl phthalate	A	30.0	26.6	1.485996	1.31546	0.01	-11.5	20	
Dimethyl phthalate	A	30.0	26.0	1.499952	1.299238	0.01	-13.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA#6	Calibration:	YF20018
Lab File ID:	SV642498.D	Calibration Date:	06/17/22 00:52
Sequence:	Y2H1207	Injection Date:	08/09/22
Lab Sample ID:	Y2H1207-CCV1	Injection Time:	14:33

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	27.2	1.234556	1.120477	0.01	-9.2	20	
Di-n-octyl phthalate	A	30.0	33.9	0.9275063	1.136947	0.01	22.6	20	*
Fluoranthene	A	30.0	27.8	1.431832	1.327499	0.6	-7.3	20	
Fluorene	A	30.0	25.8	1.508416	1.295562	0.9	-14.1	20	
Hexachlorobenzene	A	30.0	26.0	0.1025727	8.880412E-02	0.1	-13.4	20	
Hexachlorobutadiene	A	30.0	28.8	0.2801129	0.2694168	0.01	-3.8	20	
Hexachlorocyclopentadiene	A	30.0	17.6	0.4581688	0.2685596	0.05	-41.4	20	*
Hexachloroethane	A	30.0	25.5	0.6116554	0.5205071	0.3	-14.9	20	
Indeno(1,2,3-cd)pyrene	A	30.0	38.2	1.045676	1.331094	0.5	27.3	20	*
Isophorone	A	30.0	24.4	0.713104	0.5799548	0.4	-18.7	20	
Naphthalene	A	30.0	25.0	1.021648	0.8517059	0.7	-16.6	20	
Nitrobenzene	A	30.0	27.0	0.3814741	0.3432954	0.2	-10.0	20	
N-Nitrosodimethylamine	A	30.0	23.7	0.7546099	0.596436		-21.0	20	*
N-nitroso-di-n-propylamine	A	30.0	27.6	0.8604876	0.7927369	0.5	-7.9	20	
N-Nitrosodiphenylamine	A	30.0	26.2	0.1945578	0.1699488	0.01	-12.6	20	
Pentachlorophenol	A	30.0	21.6	0.1600988	0.1151015	0.05	-28.1	20	*
Phenanthrene	A	30.0	26.1	1.095274	0.9536512	0.7	-12.9	20	
Phenol	A	30.0	27.0	1.462283	1.313511	0.8	-10.2	20	
Pyrene	A	30.0	25.3	1.454751	1.224699	0.6	-15.8	20	
Pyridine	A	30.0	24.2	1.232594	0.9927778		-19.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Water		
Batch:	BH20583	Laboratory ID:	BH20583-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.700	70.0	25 - 116
Acenaphthylene	1.00	0.750	75.0	26 - 116
Anthracene	1.00	0.560	56.0	25 - 123
Benzo(a)anthracene	1.00	0.830	83.0	33 - 125
Benzo(a)pyrene	1.00	0.570	57.0	32 - 132
Benzo(b)fluoranthene	1.00	0.920	92.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.960	96.0	10 - 138
Benzo(k)fluoranthene	1.00	0.870	87.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	1.53	153	10 - 189
Chrysene	1.00	0.820	82.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.970	97.0	16 - 133
Fluoranthene	1.00	0.940	94.0	32 - 121
Fluorene	1.00	0.840	84.0	28 - 118
Hexachlorobenzene	1.00	0.860	86.0	23 - 124
Hexachlorobutadiene	1.00	0.870	87.0	15 - 123
Hexachloroethane	1.00	4.04	404 *	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.930	93.0	15 - 135
Naphthalene	1.00	0.700	70.0	18 - 120
Nitrobenzene	1.00	1.32	132 *	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	1.91	191 *	10 - 156
Phenanthrene	1.00	0.830	83.0	24 - 127
Pyrene	1.00	0.810	81.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.			SDG:	22H0308
Client:	P.W. Grosser Consulting			Project:	TOT2202/2101
Matrix:	Water	Laboratory ID:	BH20583-BLK2	File ID:	SV532193.D
Prepared:	08/10/22 07:42	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	08/10/22 20:39	Instrument:	BNA #5		
Batch:	BH20583	Sequence:	Y2H1105	Calibration:	YG20021

CAS NO.	COMPOUND	CONC. (ug/L)	Q
83-32-9	Acenaphthene	0.0500	U
208-96-8	Acenaphthylene	0.0500	U
120-12-7	Anthracene	0.0500	U
1912-24-9	Atrazine	0.500	U
56-55-3	Benzo(a)anthracene	0.0500	U
50-32-8	Benzo(a)pyrene	0.0500	U
205-99-2	Benzo(b)fluoranthene	0.0500	U
191-24-2	Benzo(g,h,i)perylene	0.0500	U
207-08-9	Benzo(k)fluoranthene	0.0500	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.08	
218-01-9	Chrysene	0.0500	U
53-70-3	Dibenzo(a,h)anthracene	0.0500	U
206-44-0	Fluoranthene	0.0500	U
86-73-7	Fluorene	0.0500	U
118-74-1	Hexachlorobenzene	0.0200	U
87-68-3	Hexachlorobutadiene	0.500	U
67-72-1	Hexachloroethane	0.500	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0500	U
91-20-3	Naphthalene	0.0500	U
98-95-3	Nitrobenzene	0.250	U
62-75-9	N-Nitrosodimethylamine	0.500	U
87-86-5	Pentachlorophenol	0.250	U
85-01-8	Phenanthrene	0.0500	U
129-00-0	Pyrene	0.0500	U

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	9090204	8.1	7561283	8.09	
ISTD: Acenaphthene-d10	9946901	12.11	10709060	12.12	
ISTD: Chrysene-d12	14783120	18.01	15447480	18.01	
ISTD: Naphthalene-d8	14528630	9.69	17775620	9.69	
ISTD: Perylene-d12	15517510	19.94	16378360	19.94	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Calibration: YG20021
Instrument: BNA #5
Calibration Date: 07/25/22 00:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.378071	9.949478	12.18	2.095618E-02			20	
Acenaphthylene	1.922043	7.702177	11.92	2.296211E-02			20	
Anthracene	1.268863	7.116631	14.32	0.0103678			20	
Atrazine	0.2573342	4.227537	13.85286	3.562098E-02			20	
Benzo(a)anthracene	1.494006	8.130543	18.0025	2.557287E-02			20	
Benzo(a)pyrene	1.307918	2.875571	19.88375	1.764556E-02			20	
Benzo(b)fluoranthene	1.448515	8.205637	19.46375	2.416226E-02			20	
Benzo(g,h,i)perylene	1.337692	3.289823	21.905	3.454876E-02			20	
Benzo(k)fluoranthene	1.49677	7.191504	19.4925	1.562853E-02			20	
Bis(2-ethylhexyl)phthalate	1.167082	3.845166	18.05	2.135991E-02			20	
Chrysene	1.59009	8.149817	18.06375	2.923152E-02			20	
Dibenzo(a,h)anthracene	1.305179	5.383878	21.47875	4.029605E-02			20	
Fluoranthene	1.302206	5.430107	15.97	3.571005E-03			20	
Fluorene	1.481766	8.271762	12.89	2.034436E-02			20	
Hexachlorobenzene	0.2458193	2.869096	13.79429	3.492345E-02			20	
Hexachlorobutadiene	0.18665	5.162862	9.96	1.388277E-02			20	
Hexachloroethane	7.648758E-02	6.176205	8.73	1.454733E-02			20	
Indeno(1,2,3-cd)pyrene	1.491773	4.1535	21.475	3.689876E-02			20	
Naphthalene	1.32734	24.51136	9.74	2.106521E-02			20	*
Nitrobenzene	0.8008532	2.582422	8.854286	6.332606E-02			20	
N-Nitrosodimethylamine	0.7147526	5.161653	5.055714	0.1063555			20	
Pentachlorophenol	4.838063E-02	19.26829	14.05143	3.187323E-02			20	
Phenanthrene	1.32095	11.02936	14.26	1.489192E-02			20	
Pyrene	1.784711	8.668115	16.2925	3.104004E-02			20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Instrument ID:	BNA #5	Calibration:	YG20021
Lab File ID:	SV532197.D	Calibration Date:	07/25/22 00:20
Sequence:	Y2H1131	Injection Date:	08/11/22
Lab Sample ID:	Y2H1131-CCV1	Injection Time:	10:02

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	0.990	1.378071	1.36769		-0.8	30	
Acenaphthylene	A	1.00	1.02	1.922043	1.966305		2.3	30	
Anthracene	A	1.00	1.09	1.268863	1.382309		8.9	30	
Atrazine	A	2.50	2.49	0.2573342	0.256154		-0.5	30	
Benzo(a)anthracene	A	1.00	1.08	1.494006	1.612097		7.9	30	
Benzo(a)pyrene	A	1.00	1.16	1.307918	1.51203		15.6	30	
Benzo(b)fluoranthene	A	1.00	1.06	1.448515	1.541694		6.4	30	
Benzo(g,h,i)perylene	A	1.00	1.15	1.337692	1.54183		15.3	30	
Benzo(k)fluoranthene	A	1.00	1.07	1.49677	1.603889		7.2	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.60	1.167082	1.061197		-9.1	30	
Chrysene	A	1.00	1.03	1.59009	1.64318		3.3	30	
Dibenzo(a,h)anthracene	A	1.00	1.16	1.305179	1.511816		15.8	30	
Fluoranthene	A	1.00	1.10	1.302206	1.436444		10.3	30	
Fluorene	A	1.00	1.04	1.481766	1.543426		4.2	30	
Hexachlorobenzene	A	0.100	0.100	0.2458193	0.2530304		2.9	30	
Hexachlorobutadiene	A	2.50	2.77	0.18665	0.2067771		10.8	30	
Hexachloroethane	A	2.50	2.75	7.648758E-02	8.411795E-02		10.0	30	
Indeno(1,2,3-cd)pyrene	A	1.00	1.13	1.491773	1.690648		13.3	30	
Naphthalene	A	1.00	0.950	1.32734	1.26613		-4.6	30	
Nitrobenzene	A	1.25	1.60	0.8008532	1.022888		27.7	30	
N-Nitrosodimethylamine	A	2.50	2.60	0.7147526	0.7422823		3.9	30	
Pentachlorophenol	A	1.50	2.63	4.838063E-02	0.084914		75.5	30	*
Phenanthrene	A	1.00	0.980	1.32095	1.294697		-2.0	30	
Pyrene	A	1.00	1.05	1.784711	1.867527		4.6	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	22H0308
Client:	P.W. Grosser Consulting	Project:	TOT2202/2101
Matrix:	Water		
Batch:	BH20467	Laboratory ID:	BH20467-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	1.65	82.6	80 - 120
Antimony	0.250	0.253	101	80 - 120
Arsenic	2.00	2.00	100	80 - 120
Barium	2.00	2.10	105	80 - 120
Beryllium	0.0500	0.050	101	80 - 120
Cadmium	0.0500	0.053	107	80 - 120
Calcium	1.00	1.55	155 *	80 - 120
Chromium	0.200	0.202	101	80 - 120
Cobalt	0.500	0.530	106	80 - 120
Copper	0.250	0.249	99.6	80 - 120
Iron	1.00	1.05	105	80 - 120
Lead	0.500	0.541	108	80 - 120
Magnesium	1.00	1.12	112	80 - 120
Manganese	0.500	0.521	104	80 - 120
Nickel	0.500	0.508	102	80 - 120
Potassium	1.00	0.968	96.8	80 - 120
Selenium	2.00	1.63	81.6	80 - 120
Silver	0.0500	0.046	92.8	80 - 120
Sodium	1.00	1.11	111	80 - 120
Thallium	2.00	2.10	105	80 - 120
Vanadium	0.500	0.504	101	80 - 120
Zinc	0.500	0.528	106	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Matrix: Soil
Batch: BH20387
Laboratory ID: BH20387-SRM1
Preparation: EPA 3050B
Initial/Final: 0.5 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	10100	9300	92.1	39.5 - 118.8
Antimony	244	84.1	34.5	10 - 123
Arsenic	109	98.8	90.6	63.7 - 118.3
Barium	364	365	100	70.3 - 117
Beryllium	57.0	54.0	94.8	69.3 - 115.4
Cadmium	48.7	44.1	90.7	67.8 - 112.9
Calcium	5190	4650	89.7	66.3 - 116.6
Chromium	173	166	96.1	65.3 - 120.8
Cobalt	148	151	102	70.3 - 117.6
Copper	179	185	104	70.9 - 117.9
Iron	15000	13900	92.5	36.8 - 162.7
Lead	101	101	100	69.1 - 126.7
Magnesium	2570	2470	96.2	56.4 - 124.9
Manganese	370	360	97.3	72.2 - 119.2
Nickel	52.2	61.1	117	63.4 - 117.8
Potassium	2420	2280	94.1	49.6 - 118.6
Selenium	104	67.5	64.9	58.5 - 122.1
Silver	29.9	24.8	83.1	63.5 - 123.7
Sodium	161	625	388 *	30.1 - 139.1
Thallium	101	87.3	86.4	59.8 - 120.8
Vanadium	194	183	94.6	73.2 - 117
Zinc	431	400	92.7	74.9 - 121.1

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

EB001

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Matrix: Water
Laboratory ID: Y2H0908-SRD5
Sequence: Y2H0908
Lab Source ID: 22H0308-18
Preparation: BH20467
Initial/Final: 45 / 50
Source Sample Name: EB001
% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	ND		ND				EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	ND		ND				EPA 6010D	10
Barium	ND		ND				EPA 6010D	10
Beryllium	0.001		0.005		359 *		EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	0.961		4.69		388 *		EPA 6010D	10
Chromium	ND		ND				EPA 6010D	10
Cobalt	ND		ND				EPA 6010D	10
Copper	ND		ND				EPA 6010D	10
Iron	ND		ND				EPA 6010D	10
Lead	ND		ND				EPA 6010D	10
Magnesium	ND		ND				EPA 6010D	10
Manganese	ND		ND				EPA 6010D	10
Nickel	0.027		0.144		434 *		EPA 6010D	10
Potassium	ND		0.314				EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	ND		ND				EPA 6010D	10
Thallium	ND		0.142				EPA 6010D	10
Vanadium	ND		ND				EPA 6010D	10
Zinc	ND		ND				EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.

SDG: 22H0308

Client: P.W. Grosser Consulting

Instrument ID: WinLabICP

Project: TOT2202/2101

Sequence: Y2H0908

Calibration: 08/08/22 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BH20467-BLK1	Aluminum	-0.061	0.056	mg/L		EPA 6010D
	Antimony	-0.007	0.028	mg/L		EPA 6010D
	Arsenic	0.004	0.017	mg/L		EPA 6010D
	Barium	0.0002	0.028	mg/L		EPA 6010D
	Beryllium	0.0005	0.0006	mg/L		EPA 6010D
	Cadmium	0.0003	0.003	mg/L		EPA 6010D
	Calcium	0.467	0.056	mg/L	*	EPA 6010D
	Chromium	0.0009	0.006	mg/L		EPA 6010D
	Cobalt	0.001	0.004	mg/L		EPA 6010D
	Copper	-0.003	0.022	mg/L		EPA 6010D
	Iron	0.015	0.278	mg/L		EPA 6010D
	Lead	-0.003	0.006	mg/L		EPA 6010D
	Magnesium	0.004	0.056	mg/L		EPA 6010D
	Manganese	-0.00002	0.006	mg/L		EPA 6010D
	Nickel	0.010	0.011	mg/L		EPA 6010D
	Potassium	0.030	0.056	mg/L		EPA 6010D
	Selenium	0.011	0.028	mg/L		EPA 6010D
	Silver	0.001	0.006	mg/L		EPA 6010D
	Sodium	0.036	0.556	mg/L		EPA 6010D
	Thallium	0.008	0.028	mg/L		EPA 6010D
	Vanadium	-0.0002	0.011	mg/L		EPA 6010D
	Zinc	0.007	0.028	mg/L		EPA 6010D
Y2H0908-CCBE	Aluminum	-0.122	0.050	ug/mL		EPA 6010D
	Antimony	-0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.009	0.015	ug/mL		EPA 6010D
	Barium	0.00006	0.025	ug/mL		EPA 6010D
	Beryllium	0.0008	0.0005	ug/mL	*	EPA 6010D
	Cadmium	0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.679	0.050	ug/mL	*	EPA 6010D
	Chromium	-0.0009	0.005	ug/mL		EPA 6010D
	Cobalt	0.002	0.004	ug/mL		EPA 6010D
	Copper	-0.004	0.020	ug/mL		EPA 6010D
	Iron	0.006	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.

SDG: 22H0308

Client: P.W. Grosser Consulting

Instrument ID: WinLabICP

Project: TOT2202/2101

Sequence: Y2H0936

Calibration: 08/09/22 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BH20387-BLK1	Aluminum	7.15	6.00	mg/kg wet	*	EPA 6010D
	Antimony	-0.207	3.00	mg/kg wet		EPA 6010D
	Arsenic	-0.015	1.80	mg/kg wet		EPA 6010D
	Barium	0.050	3.00	mg/kg wet		EPA 6010D
	Beryllium	0.006	0.060	mg/kg wet		EPA 6010D
	Cadmium	0.008	0.360	mg/kg wet		EPA 6010D
	Calcium	-8.77	6.00	mg/kg wet		EPA 6010D
	Chromium	0.199	0.600	mg/kg wet		EPA 6010D
	Cobalt	-0.006	0.480	mg/kg wet		EPA 6010D
	Copper	0.066	2.40	mg/kg wet		EPA 6010D
	Iron	15.3	30.0	mg/kg wet		EPA 6010D
	Lead	0.034	0.600	mg/kg wet		EPA 6010D
	Magnesium	4.85	6.00	mg/kg wet		EPA 6010D
	Manganese	0.513	0.600	mg/kg wet		EPA 6010D
	Nickel	0.002	1.20	mg/kg wet		EPA 6010D
	Potassium	6.17	6.00	mg/kg wet	*	EPA 6010D
	Selenium	0.131	3.00	mg/kg wet		EPA 6010D
	Silver	-0.020	0.600	mg/kg wet		EPA 6010D
	Sodium	18.3	60.0	mg/kg wet		EPA 6010D
	Thallium	0.080	3.00	mg/kg wet		EPA 6010D
	Vanadium	0.003	1.20	mg/kg wet		EPA 6010D
	Zinc	0.301	3.00	mg/kg wet		EPA 6010D
Y2H0936-CCB4	Aluminum	0.004	0.060	ug/mL		EPA 6010D
	Antimony	0.002	0.030	ug/mL		EPA 6010D
	Arsenic	-0.003	0.018	ug/mL		EPA 6010D
	Barium	0.0002	0.030	ug/mL		EPA 6010D
	Beryllium	0.00004	0.0006	ug/mL		EPA 6010D
	Cadmium	-0.000004	0.004	ug/mL		EPA 6010D
	Calcium	-0.053	0.060	ug/mL		EPA 6010D
	Chromium	0.0005	0.006	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.005	ug/mL		EPA 6010D
	Copper	-0.0002	0.024	ug/mL		EPA 6010D
	Iron	0.009	0.300	ug/mL		EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/08/22
Control Limt: +/- 10.00%
Sequence: Y2H0908

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H0908-ICV1	Aluminum	10.0	8.78	87.8	*	ug/mL	EPA 6010D
	Antimony	0.250	0.251	100		ug/mL	EPA 6010D
	Arsenic	0.250	0.245	97.9		ug/mL	EPA 6010D
	Barium	10.0	9.50	95.0		ug/mL	EPA 6010D
	Beryllium	0.250	0.234	93.7		ug/mL	EPA 6010D
	Cadmium	0.125	0.119	95.4		ug/mL	EPA 6010D
	Calcium	25.0	22.7	90.6		ug/mL	EPA 6010D
	Chromium	1.00	0.953	95.3		ug/mL	EPA 6010D
	Cobalt	2.50	2.39	95.6		ug/mL	EPA 6010D
	Copper	1.25	1.14	91.5		ug/mL	EPA 6010D
	Iron	5.00	4.75	95.0		ug/mL	EPA 6010D
	Lead	0.250	0.237	94.7		ug/mL	EPA 6010D
	Magnesium	25.0	25.3	101		ug/mL	EPA 6010D
	Manganese	2.50	2.37	94.6		ug/mL	EPA 6010D
	Nickel	2.50	2.38	95.3		ug/mL	EPA 6010D
	Potassium	25.0	23.5	93.9		ug/mL	EPA 6010D
	Selenium	0.250	0.265	106		ug/mL	EPA 6010D
	Silver	1.25	1.16	92.8		ug/mL	EPA 6010D
	Sodium	25.0	22.3	89.1	*	ug/mL	EPA 6010D
	Thallium	0.250	0.241	96.6		ug/mL	EPA 6010D
	Vanadium	2.50	2.34	93.5		ug/mL	EPA 6010D
	Zinc	2.50	2.43	97.1		ug/mL	EPA 6010D
Y2H0908-CCV1	Aluminum	10.0	8.83	88.3	*	ug/mL	EPA 6010D
	Antimony	0.250	0.216	86.3	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.484	96.9		ug/mL	EPA 6010D
	Barium	10.0	9.66	96.6		ug/mL	EPA 6010D
	Beryllium	0.250	0.241	96.2		ug/mL	EPA 6010D
	Cadmium	0.250	0.259	103		ug/mL	EPA 6010D
	Calcium	25.0	22.3	89.3	*	ug/mL	EPA 6010D
	Chromium	1.00	0.969	96.9		ug/mL	EPA 6010D
	Cobalt	2.50	2.44	97.5		ug/mL	EPA 6010D
	Copper	1.25	1.13	90.6		ug/mL	EPA 6010D
	Iron	5.00	4.89	97.8		ug/mL	EPA 6010D
	Lead	0.500	0.478	95.6		ug/mL	EPA 6010D
	Magnesium	25.0	26.5	106		ug/mL	EPA 6010D
	Manganese	2.50	2.41	96.4		ug/mL	EPA 6010D
	Nickel	2.50	2.41	96.6		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/08/22
Control Limt: +/- 10.00%
Sequence: Y2H0908

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H0908-CCV1	Potassium	5.00	4.92	98.3		ug/mL	EPA 6010D
	Selenium	0.500	0.480	96.0		ug/mL	EPA 6010D
	Silver	1.25	1.18	94.2		ug/mL	EPA 6010D
	Sodium	25.0	22.3	89.2	*	ug/mL	EPA 6010D
	Thallium	0.500	0.488	97.7		ug/mL	EPA 6010D
	Vanadium	2.50	2.36	94.6		ug/mL	EPA 6010D
	Zinc	2.50	2.55	102		ug/mL	EPA 6010D
Y2H0908-CCVD	Aluminum	10.0	9.25	92.5		ug/mL	EPA 6010D
	Antimony	0.250	0.214	85.6	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.528	106		ug/mL	EPA 6010D
	Barium	10.0	9.44	94.4		ug/mL	EPA 6010D
	Beryllium	0.250	0.242	96.9		ug/mL	EPA 6010D
	Cadmium	0.250	0.263	105		ug/mL	EPA 6010D
	Calcium	25.0	23.4	93.8		ug/mL	EPA 6010D
	Chromium	1.00	0.976	97.6		ug/mL	EPA 6010D
	Cobalt	2.50	2.49	99.5		ug/mL	EPA 6010D
	Copper	1.25	1.16	92.6		ug/mL	EPA 6010D
	Iron	5.00	4.96	99.1		ug/mL	EPA 6010D
	Lead	0.500	0.506	101		ug/mL	EPA 6010D
	Magnesium	25.0	28.1	112	*	ug/mL	EPA 6010D
	Manganese	2.50	2.43	97.0		ug/mL	EPA 6010D
	Nickel	2.50	2.44	97.5		ug/mL	EPA 6010D
	Potassium	5.00	4.39	87.9	*	ug/mL	EPA 6010D
	Selenium	0.500	0.513	103		ug/mL	EPA 6010D
	Silver	1.25	1.17	93.4		ug/mL	EPA 6010D
	Sodium	25.0	22.1	88.3	*	ug/mL	EPA 6010D
	Thallium	0.500	0.520	104		ug/mL	EPA 6010D
	Vanadium	2.50	2.38	95.0		ug/mL	EPA 6010D
	Zinc	2.50	2.60	104		ug/mL	EPA 6010D
Y2H0908-CCVE	Aluminum	10.0	9.44	94.4		ug/mL	EPA 6010D
	Antimony	0.250	0.223	89.2	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.522	104		ug/mL	EPA 6010D
	Barium	10.0	9.82	98.2		ug/mL	EPA 6010D
	Beryllium	0.250	0.245	98.1		ug/mL	EPA 6010D
	Cadmium	0.250	0.267	107		ug/mL	EPA 6010D
	Calcium	25.0	23.5	93.9		ug/mL	EPA 6010D
	Chromium	1.00	0.995	99.5		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/08/22
Control Limt: +/- 10.00%
Sequence: Y2H0908

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H0908-CCVE	Cobalt	2.50	2.52	101		ug/mL	EPA 6010D
	Copper	1.25	1.18	94.5		ug/mL	EPA 6010D
	Iron	5.00	5.05	101		ug/mL	EPA 6010D
	Lead	0.500	0.506	101		ug/mL	EPA 6010D
	Magnesium	25.0	28.5	114	*	ug/mL	EPA 6010D
	Manganese	2.50	2.45	98.1		ug/mL	EPA 6010D
	Nickel	2.50	2.47	98.9		ug/mL	EPA 6010D
	Potassium	5.00	4.72	94.4		ug/mL	EPA 6010D
	Selenium	0.500	0.508	102		ug/mL	EPA 6010D
	Silver	1.25	1.19	95.1		ug/mL	EPA 6010D
	Sodium	25.0	22.6	90.6		ug/mL	EPA 6010D
	Thallium	0.500	0.517	103		ug/mL	EPA 6010D
	Vanadium	2.50	2.41	96.3		ug/mL	EPA 6010D
	Zinc	2.50	2.64	106		ug/mL	EPA 6010D
Y2H0908-CCVF	Aluminum	10.0	9.00	90.0		ug/mL	EPA 6010D
	Antimony	0.250	0.208	83.1	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.498	99.6		ug/mL	EPA 6010D
	Barium	10.0	9.47	94.7		ug/mL	EPA 6010D
	Beryllium	0.250	0.235	94.1		ug/mL	EPA 6010D
	Cadmium	0.250	0.257	103		ug/mL	EPA 6010D
	Calcium	25.0	22.3	89.3	*	ug/mL	EPA 6010D
	Chromium	1.00	0.951	95.1		ug/mL	EPA 6010D
	Cobalt	2.50	2.41	96.6		ug/mL	EPA 6010D
	Copper	1.25	1.13	90.2		ug/mL	EPA 6010D
	Iron	5.00	4.82	96.4		ug/mL	EPA 6010D
	Lead	0.500	0.480	96.0		ug/mL	EPA 6010D
	Magnesium	25.0	27.4	110		ug/mL	EPA 6010D
	Manganese	2.50	2.36	94.4		ug/mL	EPA 6010D
	Nickel	2.50	2.38	95.2		ug/mL	EPA 6010D
	Potassium	5.00	4.69	93.8		ug/mL	EPA 6010D
	Selenium	0.500	0.480	96.1		ug/mL	EPA 6010D
	Silver	1.25	1.14	91.1		ug/mL	EPA 6010D
	Sodium	25.0	21.6	86.4	*	ug/mL	EPA 6010D
	Thallium	0.500	0.495	99.1		ug/mL	EPA 6010D
	Vanadium	2.50	2.31	92.4		ug/mL	EPA 6010D
	Zinc	2.50	2.53	101		ug/mL	EPA 6010D

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/09/22
Control Limt: +/- 10.00%
Sequence: Y2H0936

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H0936-ICV1	Aluminum	10.0	9.59	95.9		ug/mL	EPA 6010D
	Antimony	0.250	0.263	105		ug/mL	EPA 6010D
	Arsenic	0.250	0.242	96.9		ug/mL	EPA 6010D
	Barium	10.0	9.71	97.1		ug/mL	EPA 6010D
	Beryllium	0.250	0.239	95.8		ug/mL	EPA 6010D
	Cadmium	0.125	0.118	94.3		ug/mL	EPA 6010D
	Calcium	25.0	23.5	94.0		ug/mL	EPA 6010D
	Chromium	1.00	0.957	95.7		ug/mL	EPA 6010D
	Cobalt	2.50	2.42	96.7		ug/mL	EPA 6010D
	Copper	1.25	1.22	97.8		ug/mL	EPA 6010D
	Iron	5.00	4.78	95.5		ug/mL	EPA 6010D
	Lead	0.250	0.247	98.8		ug/mL	EPA 6010D
	Magnesium	25.0	23.6	94.3		ug/mL	EPA 6010D
	Manganese	2.50	2.41	96.5		ug/mL	EPA 6010D
	Nickel	2.50	2.39	95.5		ug/mL	EPA 6010D
	Potassium	25.0	21.6	86.4	*	ug/mL	EPA 6010D
	Selenium	0.250	0.267	107		ug/mL	EPA 6010D
	Silver	1.25	1.22	97.7		ug/mL	EPA 6010D
	Sodium	25.0	22.9	91.8		ug/mL	EPA 6010D
	Thallium	0.250	0.228	91.4		ug/mL	EPA 6010D
	Vanadium	2.50	2.39	95.8		ug/mL	EPA 6010D
	Zinc	2.50	2.43	97.3		ug/mL	EPA 6010D
Y2H0936-CCV1	Aluminum	10.0	9.04	90.4		ug/mL	EPA 6010D
	Antimony	0.250	0.216	86.5	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.470	94.1		ug/mL	EPA 6010D
	Barium	10.0	9.33	93.3		ug/mL	EPA 6010D
	Beryllium	0.250	0.230	92.0		ug/mL	EPA 6010D
	Cadmium	0.250	0.236	94.2		ug/mL	EPA 6010D
	Calcium	25.0	22.2	88.7	*	ug/mL	EPA 6010D
	Chromium	1.00	0.915	91.5		ug/mL	EPA 6010D
	Cobalt	2.50	2.31	92.5		ug/mL	EPA 6010D
	Copper	1.25	1.15	92.4		ug/mL	EPA 6010D
	Iron	5.00	4.58	91.7		ug/mL	EPA 6010D
	Lead	0.500	0.470	94.0		ug/mL	EPA 6010D
	Magnesium	25.0	22.9	91.6		ug/mL	EPA 6010D
	Manganese	2.50	2.31	92.4		ug/mL	EPA 6010D
	Nickel	2.50	2.29	91.4		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/09/22
Control Limt: +/- 10.00%
Sequence: Y2H0936

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H0936-CCV4	Cobalt	2.50	2.27	90.9		ug/mL	EPA 6010D
	Copper	1.25	1.13	90.2		ug/mL	EPA 6010D
	Iron	5.00	4.51	90.1		ug/mL	EPA 6010D
	Lead	0.500	0.462	92.5		ug/mL	EPA 6010D
	Magnesium	25.0	22.5	90.1		ug/mL	EPA 6010D
	Manganese	2.50	2.29	91.4		ug/mL	EPA 6010D
	Nickel	2.50	2.24	89.4	*	ug/mL	EPA 6010D
	Potassium	5.00	4.40	88.0	*	ug/mL	EPA 6010D
	Selenium	0.500	0.477	95.3		ug/mL	EPA 6010D
	Silver	1.25	1.16	92.9		ug/mL	EPA 6010D
	Sodium	25.0	21.1	84.4	*	ug/mL	EPA 6010D
	Thallium	0.500	0.467	93.3		ug/mL	EPA 6010D
	Vanadium	2.50	2.26	90.4		ug/mL	EPA 6010D
	Zinc	2.50	2.26	90.3		ug/mL	EPA 6010D
Y2H0936-CCV5	Aluminum	10.0	8.92	89.2	*	ug/mL	EPA 6010D
	Antimony	0.250	0.216	86.5	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.468	93.5		ug/mL	EPA 6010D
	Barium	10.0	9.07	90.7		ug/mL	EPA 6010D
	Beryllium	0.250	0.226	90.4		ug/mL	EPA 6010D
	Cadmium	0.250	0.229	91.5		ug/mL	EPA 6010D
	Calcium	25.0	22.2	88.7	*	ug/mL	EPA 6010D
	Chromium	1.00	0.903	90.3		ug/mL	EPA 6010D
	Cobalt	2.50	2.28	91.3		ug/mL	EPA 6010D
	Copper	1.25	1.13	90.6		ug/mL	EPA 6010D
	Iron	5.00	4.53	90.6		ug/mL	EPA 6010D
	Lead	0.500	0.472	94.3		ug/mL	EPA 6010D
	Magnesium	25.0	22.6	90.4		ug/mL	EPA 6010D
	Manganese	2.50	2.25	90.1		ug/mL	EPA 6010D
	Nickel	2.50	2.25	89.9	*	ug/mL	EPA 6010D
	Potassium	5.00	4.73	94.6		ug/mL	EPA 6010D
	Selenium	0.500	0.488	97.6		ug/mL	EPA 6010D
	Silver	1.25	1.16	92.4		ug/mL	EPA 6010D
	Sodium	25.0	21.2	84.6	*	ug/mL	EPA 6010D
	Thallium	0.500	0.469	93.7		ug/mL	EPA 6010D
	Vanadium	2.50	2.23	89.2	*	ug/mL	EPA 6010D
	Zinc	2.50	2.28	91.2		ug/mL	EPA 6010D
Y2H0936-CCV6	Aluminum	10.0	9.03	90.3		ug/mL	EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/09/22
Control Limt: +/- 10.00%
Sequence: Y2H0936

Lab Sample ID	Analyte	True	Found	%R		Units	Method
Y2H0936-CCV6	Antimony	0.250	0.211	84.4	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.471	94.3		ug/mL	EPA 6010D
	Barium	10.0	9.29	92.9		ug/mL	EPA 6010D
	Beryllium	0.250	0.230	92.1		ug/mL	EPA 6010D
	Cadmium	0.250	0.232	92.9		ug/mL	EPA 6010D
	Calcium	25.0	22.4	89.6	*	ug/mL	EPA 6010D
	Chromium	1.00	0.912	91.2		ug/mL	EPA 6010D
	Cobalt	2.50	2.31	92.3		ug/mL	EPA 6010D
	Copper	1.25	1.15	92.0		ug/mL	EPA 6010D
	Iron	5.00	4.59	91.8		ug/mL	EPA 6010D
	Lead	0.500	0.473	94.6		ug/mL	EPA 6010D
	Magnesium	25.0	23.0	92.0		ug/mL	EPA 6010D
	Manganese	2.50	2.30	92.0		ug/mL	EPA 6010D
	Nickel	2.50	2.28	91.3		ug/mL	EPA 6010D
	Potassium	5.00	4.65	93.0		ug/mL	EPA 6010D
	Selenium	0.500	0.498	99.5		ug/mL	EPA 6010D
	Silver	1.25	1.18	94.4		ug/mL	EPA 6010D
	Sodium	25.0	21.5	85.9	*	ug/mL	EPA 6010D
	Thallium	0.500	0.477	95.4		ug/mL	EPA 6010D
	Vanadium	2.50	2.28	91.2		ug/mL	EPA 6010D
	Zinc	2.50	2.30	91.8		ug/mL	EPA 6010D
Y2H0936-CCV7	Aluminum	10.0	9.03	90.3		ug/mL	EPA 6010D
	Antimony	0.250	0.216	86.6	*	ug/mL	EPA 6010D
	Arsenic	0.500	0.470	94.0		ug/mL	EPA 6010D
	Barium	10.0	9.27	92.7		ug/mL	EPA 6010D
	Beryllium	0.250	0.230	91.8		ug/mL	EPA 6010D
	Cadmium	0.250	0.233	93.4		ug/mL	EPA 6010D
	Calcium	25.0	22.2	89.0	*	ug/mL	EPA 6010D
	Chromium	1.00	0.912	91.2		ug/mL	EPA 6010D
	Cobalt	2.50	2.31	92.4		ug/mL	EPA 6010D
	Copper	1.25	1.15	91.7		ug/mL	EPA 6010D
	Iron	5.00	4.57	91.5		ug/mL	EPA 6010D
	Lead	0.500	0.473	94.6		ug/mL	EPA 6010D
	Magnesium	25.0	22.9	91.5		ug/mL	EPA 6010D
	Manganese	2.50	2.30	91.9		ug/mL	EPA 6010D
	Nickel	2.50	2.28	91.2		ug/mL	EPA 6010D
	Potassium	5.00	4.79	95.8		ug/mL	EPA 6010D

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc.
SDG: 22H0308
Client: P.W. Grosser Consulting
Project: TOT2202/2101
Instrument ID: WinLabICP
Calibration: 08/08/22
Sequence: Y2H0908

Lab Sample ID	Analyte	True	Found	%R	Units
Y2H0908-IFB1	Chromium	0.500	0.44	89.0	ug/mL
	Cobalt	0.500	0.44	88.7	ug/mL
	Copper	0.500	0.48	96.3	ug/mL
	Iron	200	188.90	94.4	ug/mL
	Lead	1.00	0.93	92.6	ug/mL
	Magnesium	500	547.09	109	ug/mL
	Manganese	0.500	0.45	89.6	ug/mL
	Nickel	1.00	0.95	95.1	ug/mL
	Potassium		0.14		ug/mL
	Selenium	0.500	0.37	74.4 *	ug/mL
	Silver	1.00	0.94	93.7	ug/mL
	Sodium		1.37		ug/mL
	Thallium	0.500	0.48	96.8	ug/mL
	Vanadium	0.500	0.45	89.7	ug/mL
	Zinc	1.00	0.89	89.5	ug/mL

* Values outside of QC limits

HOLDING TIME SUMMARY

EPA 7196A

Laboratory: York Analytical Laboratories, Inc. SDG: 22H0308

Client: P.W. Grosser Consulting Project: TOT2202/2101

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
SB024 (5-7)	08/03/22 08:30	08/04/22 21:15	08/11/22 09:39	8.05	30.00	08/11/22 16:58	0.31	7.00	
SB012 (6-8)	08/03/22 09:30	08/04/22 21:15	08/11/22 09:39	8.01	30.00	08/11/22 16:58	0.31	7.00	
SB012 (8-10)	08/03/22 09:45	08/04/22 21:15	08/11/22 09:39	8.00	30.00	08/11/22 16:58	0.31	7.00	
SB013 (6-8)	08/03/22 10:15	08/04/22 21:15	08/11/22 09:39	7.98	30.00	08/11/22 16:58	0.31	7.00	
SB023 (8-10)	08/03/22 10:45	08/04/22 21:15	08/11/22 09:39	7.95	30.00	08/11/22 16:58	0.31	7.00	
SB022 (8-10)	08/03/22 11:00	08/04/22 21:15	08/11/22 09:39	7.94	30.00	08/11/22 16:58	0.31	7.00	
SB021 (13-15)	08/03/22 11:10	08/04/22 21:15	08/11/22 09:39	7.94	30.00	08/11/22 16:58	0.31	7.00	
SB019 (17-19)	08/03/22 11:40	08/04/22 21:15	08/11/22 09:39	7.92	30.00	08/11/22 16:58	0.31	7.00	
SB020 (8-10)	08/03/22 12:10	08/04/22 21:15	08/11/22 09:39	7.90	30.00	08/11/22 16:58	0.31	7.00	
SB018 (3-5)	08/03/22 12:35	08/04/22 21:15	08/11/22 17:06	8.19	30.00	08/11/22 22:36	0.23	7.00	
SB018 (5-7)	08/03/22 12:40	08/04/22 21:15	08/11/22 17:06	8.18	30.00	08/11/22 22:36	0.23	7.00	
DUP004	08/03/22 15:00	08/04/22 21:15	08/11/22 17:06	8.09	30.00	08/11/22 22:36	0.23	7.00	
SB017 (3-5)	08/03/22 13:00	08/04/22 21:15	08/11/22 17:06	8.17	30.00	08/11/22 22:36	0.23	7.00	
SB014 (2-4)	08/03/22 13:25	08/04/22 21:15	08/11/22 17:06	8.15	30.00	08/11/22 22:36	0.23	7.00	
SB014 (4-6)	08/03/22 13:30	08/04/22 21:15	08/11/22 17:06	8.15	30.00	08/11/22 22:36	0.23	7.00	
SB016 (10-12)	08/03/22 14:05	08/04/22 21:15	08/11/22 17:06	8.13	30.00	08/11/22 22:36	0.23	7.00	
SB015 (10-12)	08/03/22 13:45	08/04/22 21:15	08/11/22 17:06	8.14	30.00	08/11/22 22:36	0.23	7.00	
EB001	08/03/22 15:00	08/04/22 21:15	08/04/22 21:55	1.29	1.00	08/04/22 22:12	1.30	1.00	*

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

APPENDIX E

Fish and Wildlife Resources Impact Analysis

Decision Key

P.W. GROSSER CONSULTING, INC.
P.W. GROSSER CONSULTING ENGINEER & HYDROGEOLOGIST, P.C.
PHONE: 631.589.6353 PWGROSSER.COM
630 JOHNSON AVENUE, STE 7 BOHEMIA, NY 11716
LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SHELTON

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	2
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5. Has the contamination gone off-site?	6	14
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		