

# Field Sampling Summary Report

**FSSR Prepared for:**

Reconstruction of Sunset Park North Section  
of the Brooklyn Waterfront Greenway  
NYCDDC Project ID: SAND1048  
Brooklyn, NY 11232  
(516) 997-9615



New York City Department of Design and Construction  
30-30 Thomson Ave, Queens, New York 11101

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**FSSR Prepared By:**

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07/01/2025 — 12/1/2026

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## ACRONYMS

The following acronyms are referenced in this FSSR template. Any additional acronyms included in the FSSR should be added to the table below.

Item	Description
BWT	Bureau of Wastewater Treatment
CGAs	Combustible gas analyzers
COC	Chain-of-custody
ELAP	Environmental Laboratory Approval Program
EPH	Extractable Petroleum Hydrocarbons
FIDs	Flame ionizations detectors
FSP	Field Sampling Plan
FSSR	Field Sampling Summary Report
GWQS	Groundwater Quality Standards
HSC	Health and Safety Coordinator
HSGs	Hydrologic soil groups
HSO	Health and Safety Officer
HSP	Health and Safety Plan
IHASP	Investigation Health and Safety Plan
NYCDDC	New York City Department of Design and Construction
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OEHS	NYCDDC Office of Environmental and Hazmat Services
OEGS	NYCDDC Office of Environmental and Geotechnical Services
OSHA	Occupational Safety and Health Administration
PCBs	Polychlorinated Biphenyls
PID	Photoionization detected
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
SCOs	Soil Cleanup Objectives
STARS	Spills Technology and Remediation Series
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TAT	Turn-around time
TCLP	Toxicity Characteristic Leaching Procedure
USGS	U.S. Geological Survey
VOC	Volatile organic compound
WHP	Waste Handling Plan

## REVISION LOG

The following revision log should be completed with the initial submission and subsequent revisions. The revision date noting two digits for the month, two digits for the day, and four digits for the year (i.e., 00/00/0000) should be entered in the Date column. The Revision Number should offer revision number with two digits (i.e., 00, 01, 02, 03 – noting 00 as the initial submission) with FSSR as the descriptor (i.e., FSSR-00, FSSR-01, FSSR-02). Revision Description column should contain a brief description of changes and/or initial submission.

Date	Revision Number	Description
06/12/2025	FSSR-00	Initial submission for NYCDDC for review
6/25/2025	FSSR-01	Revision in response to NYCDDC's comments dated 6/25/2025
6/30/25	FSSR-02	Revision in response to NYCDDC's comments dated 6/27/2025

## **CERTIFICATION STATEMENT**

Please see Section 8.

## SECTION 1: INTRODUCTION AND PROJECT PURPOSE

### 1.1 General

At the request of DeBoe Construction Corp., Applemon Corporation of New City, New York (independent Environmental Consultant) prepared this Field Sampling Summary Report (FSSR) for submittal to the New York City Department of Design and Construction (NYCDDC). This FSSR-00 summarizes the in-situ soil sampling activities performed on May 14 and 15, 2025. The soil sampling activities were performed to characterize subsurface soil that will be generated during the Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway (Project ID: SAND1048) that will require off-site disposal. The soil sampling activities were performed in accordance with the NYCDDC Accepted Field Sampling Plan (FSP) dated February 13, 2025 and NYCDDC Specification Section 8.01 C2.

As indicated in the accepted FSP, the entire excavation area for investigation consists of the following street segments in Brooklyn:

- 2<sup>nd</sup> Avenue between 39<sup>th</sup> Street and 29<sup>th</sup> Street
- 29<sup>th</sup> Street between 2<sup>nd</sup> Avenue and 3<sup>rd</sup> Avenue
- 36<sup>th</sup> Street from 2<sup>nd</sup> Avenue to approximately 209 feet southeast of 2<sup>nd</sup> Avenue

The total expected volume of excavation is approximately 7,000 cubic yards. The entire project site was divided into 14 grids (SB-1 through SB-14).

### 1.2 Purpose

The goal of the project is to reconstruct roadway, reconstruct existing combined sewers and replace existing water mains within the project area located in street right-of-way developed with existing infrastructure systems. The proposed construction activities consist of roadway reconstruction and excavation for combined sewer and water mains installation. The excavation depth will be approximately five (5) to 11 feet below grade surface (ftbg) throughout the sites. Fill material beneath right-of way will be exposed during the course of excavation. Therefore, sampling and testing of soils will be required for potentially contamination or hazardous for disposal purposes before excavation activities commenced.

### 1.3 Project Organization and Responsibilities

Prior to the start of the project, the overall responsibilities for project personnel and subcontractors were established, including the chain of command. The personnel and organizations critical to the performance of the site investigation activities at the site and their respective responsibilities are listed below.

<p><b>Environmental Project Director</b> – The Project Director will be responsible for communicating with the Client and have overall responsibility for the project.</p>	<p>Marzie Jafari, Applemon Corporation          151 S. Mountain Rd New City, NY 10956          (845) 634-0858  <a href="mailto:Info@applemon.com">Info@applemon.com</a></p>
<p><b>Environmental Project Manager</b> - The Project Manager will have the overall responsibility of coordinating the project and will be responsible for assigning qualified field personnel, including the project support staff such as the Health and Safety Coordinator.</p>	<p>Marzie Jafari, Applemon Corporation          151 S. Mountain Rd New City, NY 10956          (845) 634-0858  <a href="mailto:Info@applemon.com">Info@applemon.com</a></p>
<p><b>Health and Safety Coordinator</b> - The Health and Safety Coordinator (HSC) is responsible for developing the IHASP and will be responsible for providing consultation on all health and safety related issues as they may arise in the field. Any alterations and/or modifications to the IHASP must be accepted by the HSC.</p>	<p>Marzie Jafari, Applemon Corporation          151 S. Mountain Rd New City, NY 10956          (845) 634-0858  <a href="mailto:Info@applemon.com">Info@applemon.com</a></p>
<p><b>Site Health and Safety Officer</b> - The Site Health and Safety Officer (HSO) will be primarily responsible for the implementation of the IHASP at the project site. The HSO will also assure that project personnel are aware of the provisions of the IHASP and are instructed in the safe work practices and emergency procedures; be present at the site at all times when the project work is going on unless the project task does not necessitate his presence; and communicate with the Project Manager and HSC for any changes and/or modifications required in the IHASP. The HSO has the responsibility and the authority to shut down unsafe operations as and when they arise.</p>	<p>Nathan Paul, Applemon Corporation          151 S. Mountain Rd New City, NY 10956          (845) 634-0858  <a href="mailto:Info@applemon.com">Info@applemon.com</a></p>



<p><b>Field Staff</b> – List Field Staff (geologists, technicians, etc. separately.</p>	<p>Nathan Paul, Applemon Corporation          Managing field activities &amp; collecting samples          151 S. Mountain Rd New City, NY 10956          (845) 634-0858          Info@applemon.com</p>
<p><b>Soil Boring Subcontractor</b> – If in-situ soil borings are to be installed, the boring contractor and contact shall be identified.</p>	<p>Carlos Quinonez, PG Environmental Services, Inc.          175 Commerce Drive, Unit N          Hauppauge, NY 11788          (833) 743-7462          carlos@pgenviro.com</p>
<p><b>Analytical Laboratory</b> – The analytical laboratory to be utilized for soil and/or groundwater analysis</p>	<p>York Analytical Laboratories          120 Research Drive          Stratford, CT 06615          (203) 325-1371          clientservices@yorklab.com</p>

## 1.4 Site History

According to the Phase II Subsurface Corridor Investigation Report dated October 15, 2019 prepared by LiRo Engineers, Inc. on behalf of the NYCDDC, the corridors were found to be underlain with historic fill consisting of red brown to brown black fine to coarse sand with some gravel and silt at depths ranging from 0 to 9 feet below grade surface (ftbg). Man-made materials such as brick and re-worked gravel, sand, and silt were encountered between 1 and 2 ftbg. Groundwater was located approximately between 8 to 10 ftbg.

According to laboratory analysis of the report, results showed evidence of petroleum impacted soils within portions of the corridor, including one Polycyclic Aromatic Hydrocarbons (PAHs), benzo(a)pyrene, which was detected at levels exceeding Part 375-6.8 (b) Restricted Use-Commercial (Track 2) Soil Cleanup Objectives (SCO). Other PAHs were detected at concentrations below Part 375-6.8 (b) Restricted Use-Commercial (Track 2) SCO. Photoionization Detector (PID) readings of 5.0 ppm were detected along with slight petroleum odors. Volatile Organic Compounds (VOCs) and Polychlorinated Biphenyls (PCBs) were detected at levels below Part 375-6.8 (b) Restricted Use-Commercial (Track 2) Soil Cleanup Objectives (SCO). Multiple Toxicity Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals were detected below their corresponding 6 NYCRR Part 371 and RCRA standards. Total Petroleum Hydrocarbon Diesel Range Organics/Gasoline Range Organics (TPHC DRO/GRO) was detected at concentrations ranging from 0.017 milligrams per kilograms (mg/kg) to 0.036 mg/kg. Soil samples collected from the site did not exhibit evidence of the hazardous waste characteristic for toxicity, reactivity, ignitability, and corrosivity.

## **SECTION 2: SCOPE OF WORK**

### **2.1 Field Sampling Scope of Work**

As indicated in the accepted FSP dated February 13, 2025, the entire excavation area for investigation consisted of 14 grids (SB-1 through SB-14). Each grid represents approximately 500 cubic yards (~ 700 Tons) of future excavated soil. The field investigations were performed on May 14 and 15, 2025.

The proposed infrastructure improvement activities include the reconstruction of roadway, the replacement and installation of combined sewers, and water mains. There will be no changes in future land use. The site is primarily located in street right-of-way developed with existing infrastructure systems in the Sunset Park neighborhood of Brooklyn within an area that is primarily characterized by six-story or higher commercial developments, parking lots, and institutional buildings.

A soil boring was advanced on the footprints of the planned excavation within each area to maximum 11 ftbg. The borings were advanced utilizing a hydraulically driven direct push technology with a Geoprobe® Macro Core subsurface sampling apparatus. The borings were scattered to characterize the different types of soil in the subsurface of the area. The area of excavation associated with each grid is shown on Figures 3.1 through 3.5. One discrete soil sample and one composite soil sample were collected from each boring for laboratory analysis and characterization of the subsurface soils. Each composite sample consisted of five (5) grab samples collected from greater than two (2) feet below the soil surface along the depth of excavation and from various intervals within each boring location.

No visual or olfactory evidence of potential pollutant-generating activities were observed at the site at time of sampling.

### **2.2 Investigation Health and Safety Plan**

The subject field sampling activities summarized in this report were performed in accordance with the requirements of the NYCDDC accepted Investigation Health and Safety Plan (IHASP) dated February 13, 2025.

## SECTION 3: PHYSICAL SETTING

### 3.1 Project Area and Site Location Description

#### Project Name and Address

Project/ Site Name: [Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway](#)

Project Street/ Location: [See Section 1.1 General for locations](#)

City: [Brooklyn](#)

State: New York

Zip Code: [11232](#)

Borough: [Kings](#)

Block(s) and Lot(s): [Not applicable](#)

DEC Region: 2

Business Days and hours for the project: [Weekdays - 7am to 6pm](#)

#### Project Latitude/ Longitude

Latitude: [40.658547](#) ° N  
(Decimal degrees)

Longitude: [-74.007137](#) ° W  
(Decimal degrees)

#### Latitude/longitude data source:

MAP       GPS       OTHER (Please specify): [Insert Text Here](#)

Horizontal Reference Datum:  NAD 27       NAD 83       WGS 85

#### History of Construction Site *(check all that apply):*

Single-Family Residential     Multi-Family Residential     Commercial     Industrial  
 Institutional       Highway or Road       Utility       Other: [Insert Text Here](#)

**General Site Description**

The project site is located in street right-of-way developed with existing infrastructure systems and lies within areas that are primarily characterized by six-story or higher commercial developments, parking lots, and institutional buildings. Utility valves, inlets, manholes, meters, and vents are visible in the roadway and sidewalk areas and indicate the presence of multiple buried utilities including gas, electrical, water and sewer lines.

**Size of Construction Site**

Area of Property or Corridor Length	Approximately 3,500 feet
-------------------------------------	--------------------------

A Project Location Map is included as **Figure 1**. An Aerial View Map is included as **Figure 2**.

**Site Limitations/Assessment**

No watersheds, state or federal wetlands, or other sensitive bodies are within or adjacent to the project sites' boundaries. According to the Phase II Subsurface Corridor Investigation Report dated October 15, 2019 prepared by LiRo Engineers, Inc. on behalf of the NYCDDC, the nearest national wetland is located approximately 160 feet north of the Corridor and is identified as E1UBLx (Estuarine Subtidal Unconsolidated Bottom Subtidal Excavated). The closest NYSDEC regulated mapped freshwater wetland is located over 4.0 miles southwest of the Corridor.

Prior to the advancement of the soil borings, the Contractor obtained all necessary permits for drilling into the sidewalk and street such as DOT road opening permit, utility mark out, etc.

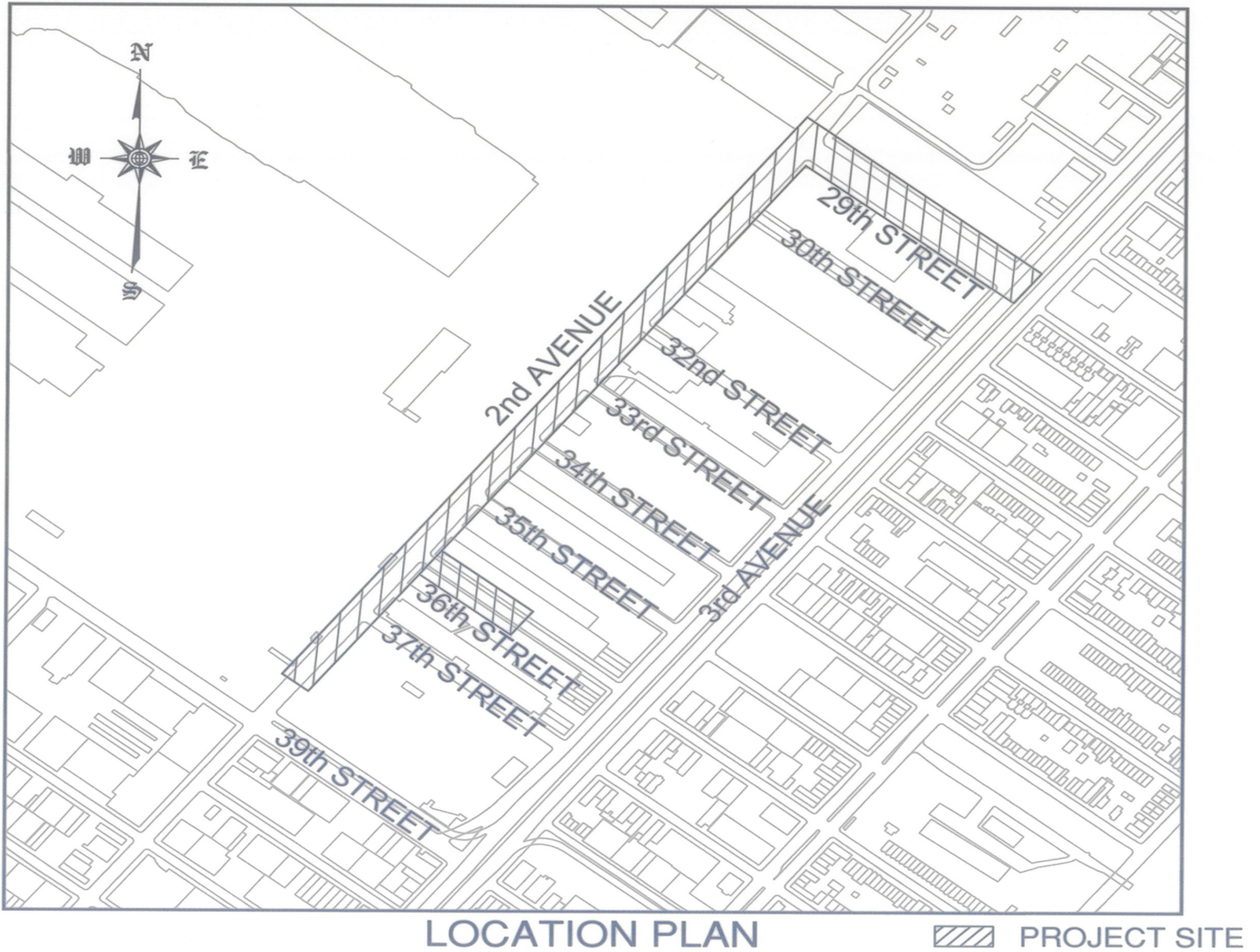
**Known Soil Characteristics**

According to the Phase II Subsurface Corridor Investigation Report dated October 15, 2019 (See Appendix A), the subsurface soils consisted predominantly of red brown to brown black fine to coarse sand with some gravel and silt from grade to approximately 9.0 ftbg. Silt with some sand and gravel was also noted within some soil samples from 9.0 to 10.0 ftbg. Man-made materials (brick) and re-worked gravel, sand, and silt, which is indicative of urban fill, was encountered within all borings from 1.0 to 2.0 ftbg.

**Known Groundwater Characteristics**

According to the Phase II Subsurface Corridor Investigation Report dated October 15, 2019 (Appendix A), groundwater was encountered between 8.0 and 10.0 ftbg. The nearest surface water body to the Corridor is Gowanus Bay which is located approximately 160 feet north of the Corridor. Based on the location and proximity of Gowanus Bay, groundwater is anticipated to flow towards the northwest. Groundwater can also be influenced by seasonal fluctuations in precipitation, local variations in geology, topography, tidal variations in Gowanus Bay, underground anthropogenic structures, and/or local dewatering operations.

**INSERT NEW FIGURE 1 CONTAINING THE PROJECT NAME, CAPITAL PROJECT ID AND ADDRESS**



**LOCATION PLAN**

N.T.S.

**COMMUNITY BOARD NO. 7**

(Not to Scale)

### **3.2 Topography and Drainage**

The topography of the project area consists of flat surfaces and gentle slopes associated with small hills flattened during urbanization or regrading of the area. The site elevations range approximately from five (5) to 12 feet above mean sea level (msl). According to the Phase II Subsurface Corridor Investigation Report dated October 15, 2019, the elevation of the Corridor ranges from approximately 5.0 feet above mean sea level (amsl) at the most western portion of the Corridor to approximately 10.0 feet amsl at the most eastern and southern portions. The topography of the immediate Corridor area is gently sloping to the northwest.

## SECTION 4: SOIL QUALITY INVESTIGATION (IF APPLICABLE)

(Check one that applies):

Soil quality investigation was performed

Not Applicable

### In-Situ Soil Sampling (Soil Borings)

The purpose of the in-situ soil sampling activities performed was to characterize soils (to be excavated) for disposal (or potential reuse) options. According to findings of prior investigation activities, (Phase II Subsurface Corridor Investigation Report dated October 15, 2019 prepared by LiRo Engineers, Inc. on behalf of the NYCDDC), laboratory analytical results showed evidence of petroleum impacted soils within portions of the corridor, including one Polycyclic Aromatic Hydrocarbons (PAHs), benzo(a)pyrene, which was detected at levels exceeding Part 375-6.8 (b) Restricted Use-Commercial (Track 2) Soil Cleanup Objectives (SCO). Other PAHs were detected at concentrations below Part 375-6.8 (b) Restricted Use-Commercial (Track 2) SCO. Photoionization Detector (PID) readings of 5.0 ppm were detected along with slight petroleum odors. Volatile Organic Compounds (VOCs) and Polychlorinated Biphenyls (PCBs) were detected at levels below Part 375-6.8 (b) Restricted Use-Commercial (Track 2) Soil Cleanup Objectives (SCO). Multiple Toxicity Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals were detected below their corresponding 6 NYCRR Part 371 and RCRA standards. Total Petroleum Hydrocarbon Diesel Range Organics/Gasoline Range Organics (TPHC DRO/GRO) was detected at concentrations ranging from 0.017 milligrams per kilograms (mg/kg) to 0.036 mg/kg. Soil samples collected from the site did not exhibit evidence of the hazardous waste characteristic for toxicity, reactivity, ignitability, and corrosivity.

All waste characterization soil sampling was performed in accordance with NYSDEC sampling guidelines and protocols and NYCDDC Specification Item 8.01 C2.1.

A total of 7,000 cubic yards of soil is anticipated to be excavated and transported off-site for disposal or reused within roadways. 14 soil samples (one per boring) were collected at a rate of one sample for every 500 cubic yards. The borings (identified as SB-1 to SB-14) were installed equidistant from each other, within the planned area of excavation as shown on **Figures 3.1 through 3.5**.

Borings were installed to a depth of eleven feet below grade (ftbg) based on the planned depth of excavation. Each boring was screened with a photoionization detector (PID) for potential signs of volatile contamination. One discrete sample from each grid was collected from the 6-inch interval within the depth of the soil boring exhibiting the highest PID reading and or visual/olfactory evidence of potential contamination for volatile organic compound (VOC) analysis. If no signs of potential contamination were observed, the discrete VOC sample was collected from the 6-inch interval above the bottom of the proposed excavation or the 6-inch interval above the water table, if encountered. For the boring-composite samples from each grid, the soil from the whole column was mixed in a sealed plastic bag before sample selection to identify representative conditions. A composite sample from the remaining boring depth was collected and analyzed for the remaining analytes listed below:

- Semi-Volatile Organic Compounds (SVOCs)
- Pesticides
- Herbicides
- Polychlorinated Biphenyls (PCBs)
- Total Petroleum Hydrocarbons (TPH-DRO)
- Target Analyte List (TAL) Metals (including Hexavalent Chromium and Cyanide)
- Resource Conservation and Recovery Act (RCRA) characteristics (including ignitability, corrosivity, reactivity (sulfide and cyanide))
- Full Toxicity Characteristic Leaching Procedure (TCLP) analysis including VOCs, SVOCs, pesticides, herbicides, and metals

In order to evaluate the subsurface soil quality and characterize the soils, laboratory analytical results were compared with NYSDEC regulatory standards identified in:

- 6 NYCRR PART 375 Restricted Commercial (Track 2) SCO with the exception that benzo(a)pyrene will have a limit of 3 parts per million (ppm) for reuse within roadways; and
- Characteristics of Hazardous Waste published in the Resource Conservation and Recovery Act (RCRA) and NYSDEC Part 371

A summary of the sample analyses to be performed (including location, frequency, and analytical methods) is included as **Table 1**.

DeBoe Construction Corp. contacted the NY Dig Safe Hotline (811) at least two but not more than ten working days, not including the date of the call, prior to the start of the soil boring activities to request mark out underground utilities in the area and adhered to all requirements of 16 NYCRR Part 753 during borings. DeBoe Construction Corp. also acquired all necessary permits that were required to install the subject borings. Each boring location was cordoned off from pedestrian traffic via orange safety cones until the boring activities were complete. All soil cuttings were returned to the borehole of origin. Each borehole was then backfilled to grade with sand. Following backfilling, each borehole was returned to pre-investigation condition (seeded, concrete, asphalt, etc.).

All sample containers were marked and identified with legible sample labels including project name, sample location, sample number, date and time of sampling, preservation method, and other information that may be useful in determining the sample characteristics. Chain-of-custody (COC) procedures were followed from laboratory issuance of the sample containers through laboratory receipt of the samples.

All sampling procedures and observations were recorded in a bound logbook. The field book will be turned over to NYCDDC in good condition upon completion of the work. A legible copy of the field book contents is included as **Appendix B** for reference. The following information was recorded in the field book:

- Sample identification number
- Sample location



- Field observations
- Sample type
- Required analyses
- Date/time of sample collection
- Collector's name
- Sampling procedures and equipment utilized
- Date sent to laboratory and name of laboratory

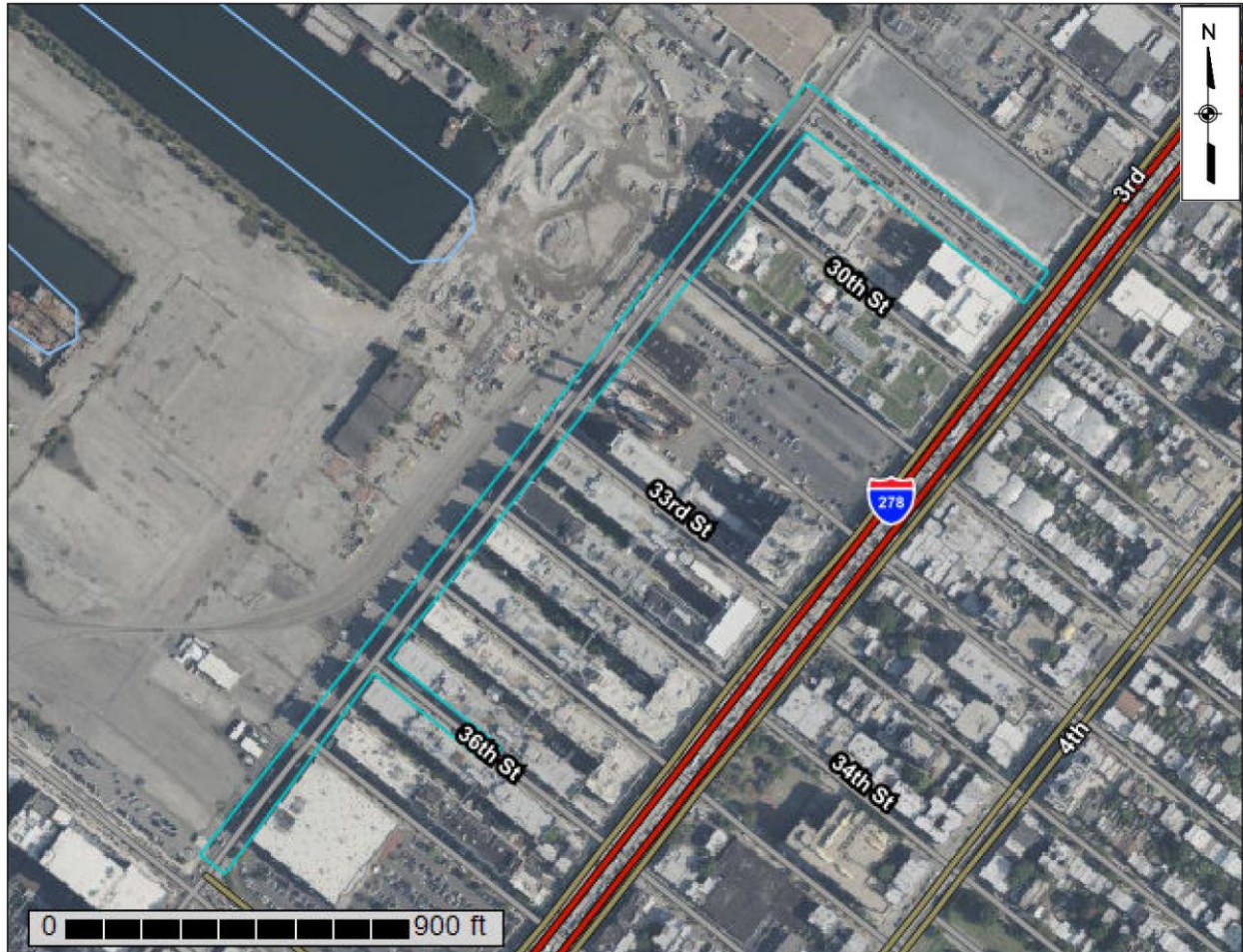
Only dedicated sampling equipment was utilized to collect the samples. All sampling equipment was decontaminated before being brought to the site and properly disposed of after use.

**Ex-Situ Soil Sampling (Stockpile Sampling)**


*(Check one that applies):*

- Ex-Situ Soil quality investigation was performed
- Not Applicable

**INSERT NEW FIGURE 2 CONTAINING THE PROJECT NAME, CAPITAL PROJECT ID AND ADDRESS**



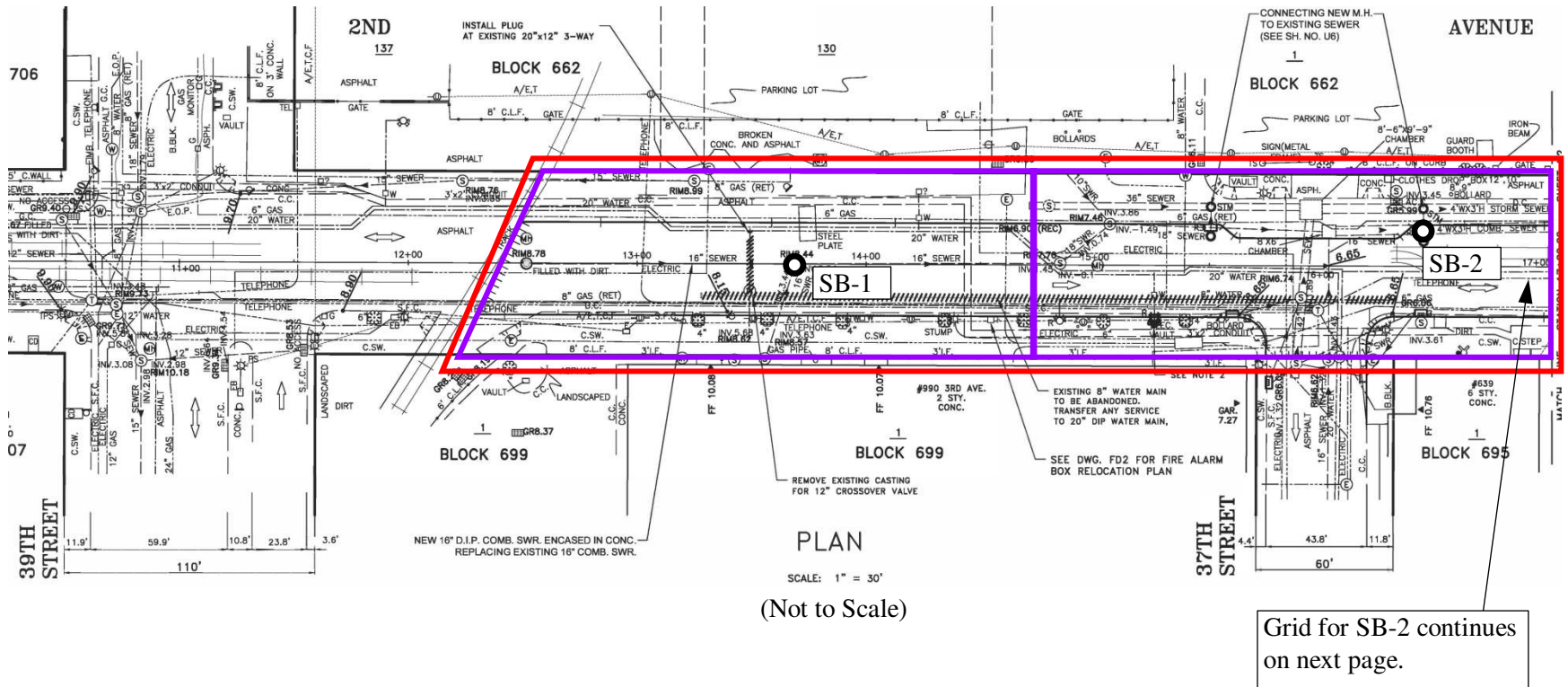
<b>NYCDDC PROJECT NO. SAND1048</b>	
<b>AERIAL VIEW MAP</b>	
<b>RECONSTRUCTION OF SUNSET PARK NORTH SECTION OF THE BROOKLYN WATERFRONT GREENWAY, BROOKLYN NY</b>	
DATE: 11/15/24	FIGURE 2
Map provided by USDA NRCS Custom Soil Resource Report	

<b>Legend</b>	
	Approximate Corridor Area

## **SECTION 5: GROUNDWATER QUALITY INVESTIGATION (IF APPLICABLE)**

*(Check one that applies):*

- Groundwater quality investigation was performed
- Not Applicable

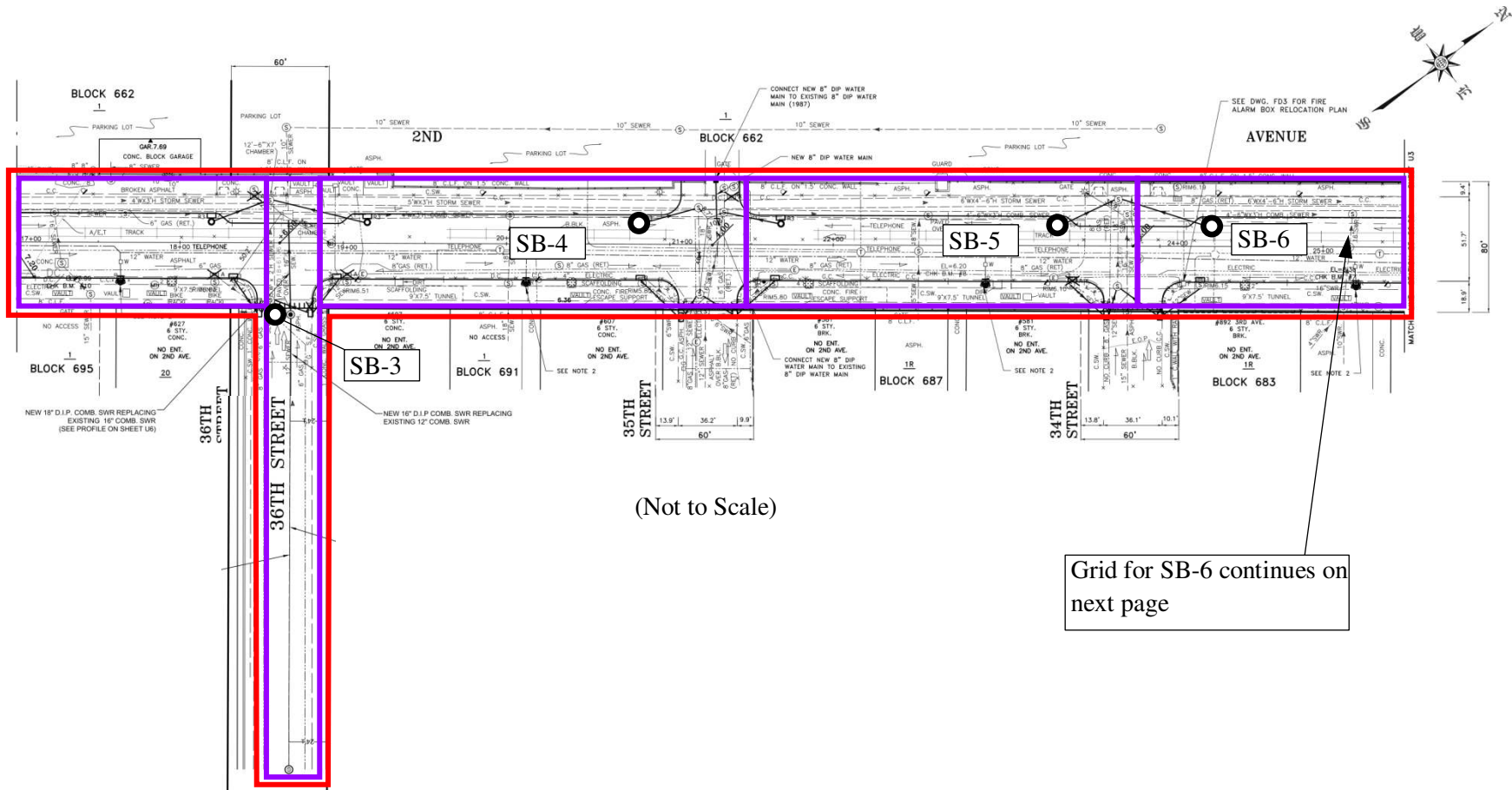


**Figure 3.1. Soil Boring, Sample and Grid Location Plan  
 2<sup>nd</sup> Avenue between 39<sup>th</sup> Street and 37<sup>th</sup> Street, Brooklyn, NY**

Area of Construction

Area of Grids (Segments)

● Soil Boring (SB)

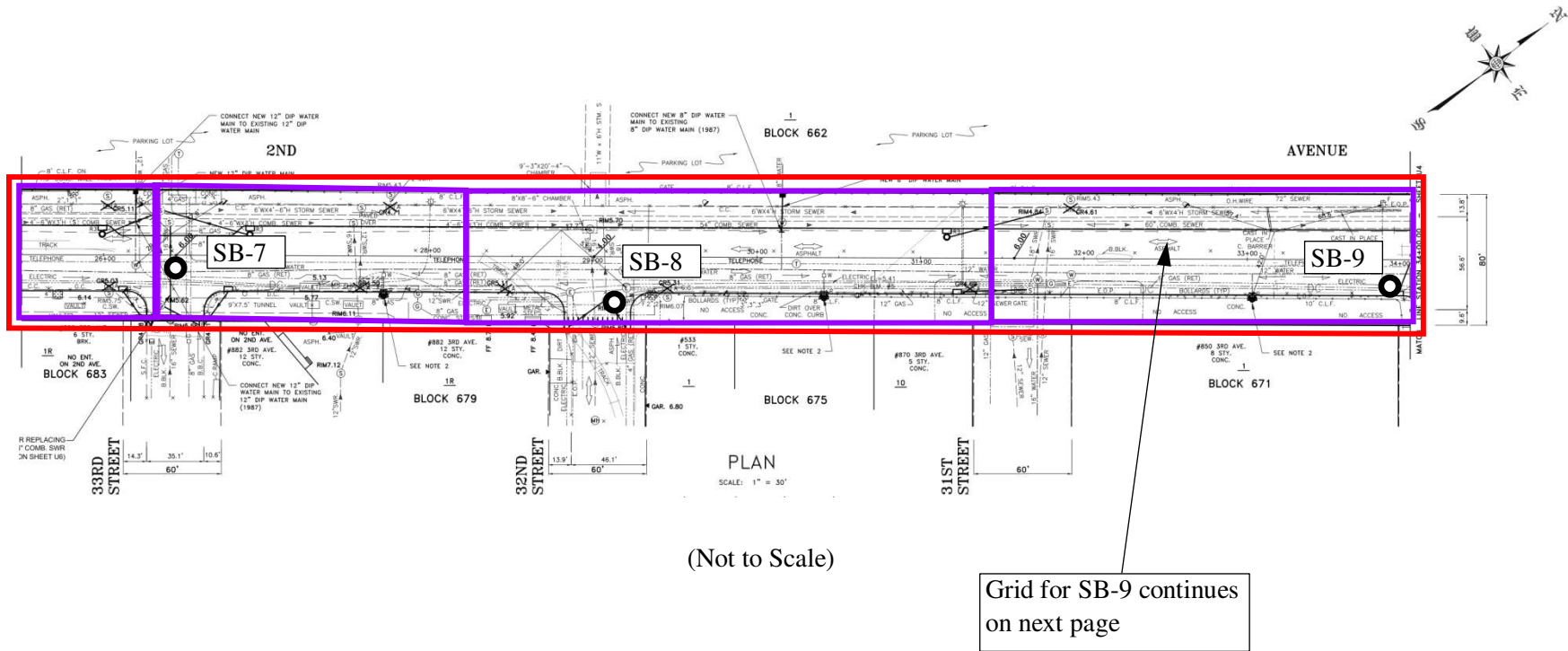


**Figure 3.2. Soil Boring, Sample and Grid Location Plan**  
 2<sup>nd</sup> Avenue between 36<sup>th</sup> Street and 34<sup>th</sup> Street, and 36<sup>th</sup> Street from 2<sup>nd</sup> Avenue to approximately 209 feet southeast of 2<sup>nd</sup> Avenue,  
 Brooklyn, NY

Area of Construction

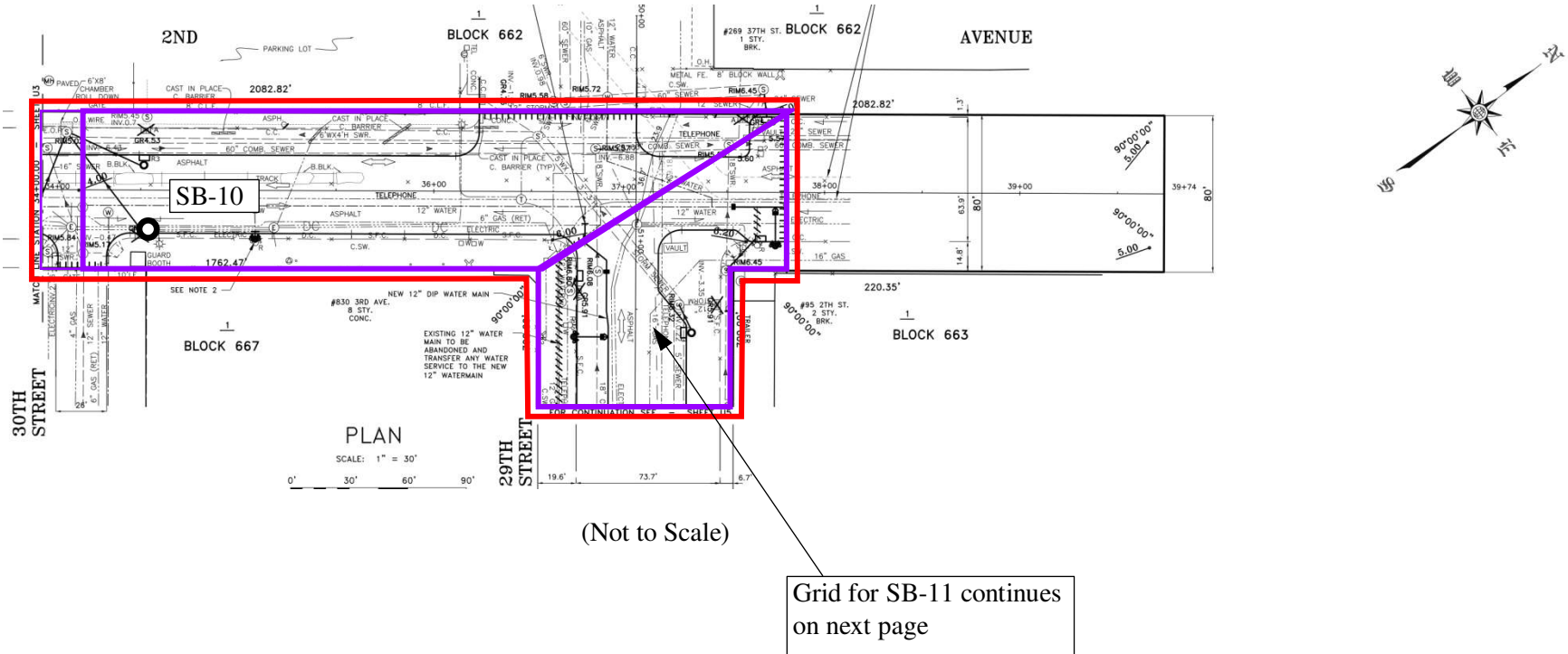
Area of Grids (Segments)

● Soil Boring (SB)



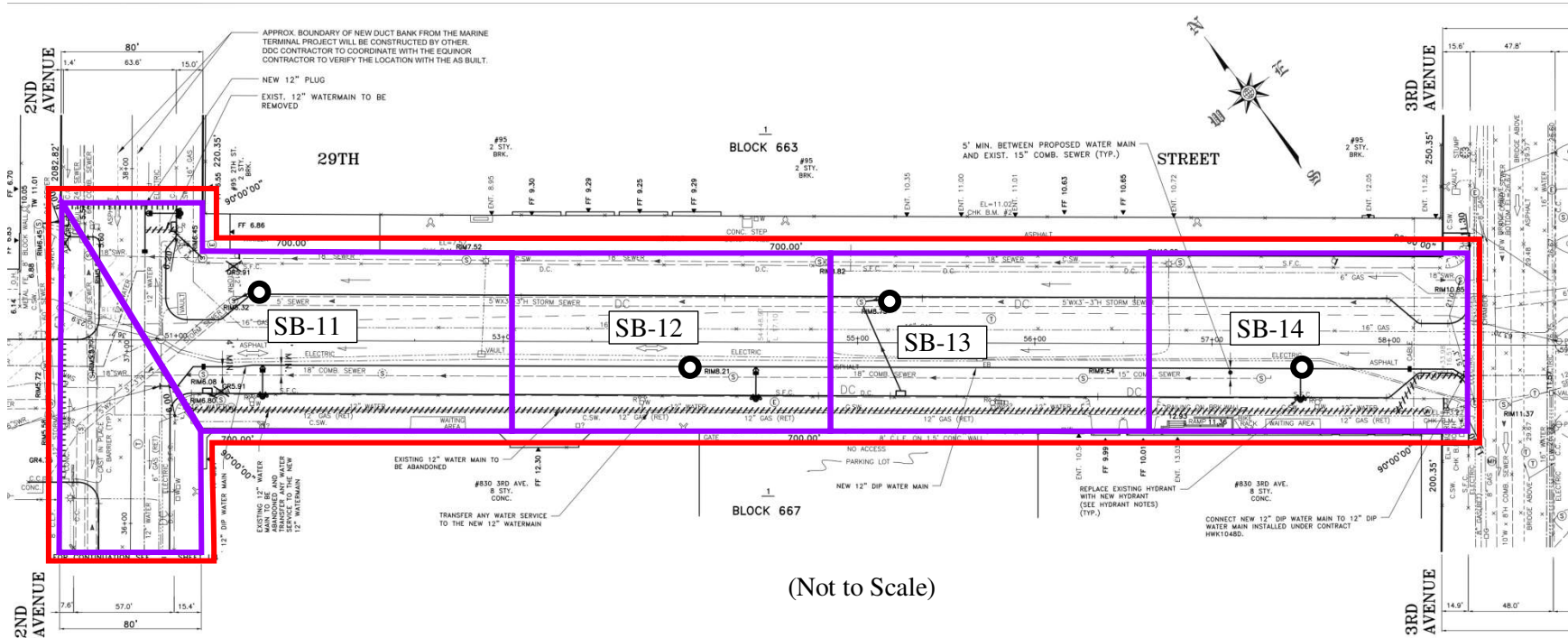
**Figure 3.3. Soil Boring, Sample and Grid Location Plan  
 2<sup>nd</sup> Avenue between 33<sup>rd</sup> Street and 31<sup>st</sup> Street, Brooklyn, NY**

- Area of Construction
- Area of Grids (Segments)
- Soil Boring (SB)



**Figure 3.4. Soil Boring, Sample and Grid Location Plan  
 Intersection of 2<sup>nd</sup> Avenue and 29<sup>th</sup> Street, Brooklyn, NY**

- Area of Construction
- Area of Grids (Segments)
- Soil Boring (SB)



**Figure 3.5. Soil Boring, Sample and Grid Location Plan  
 29<sup>th</sup> Street between 2<sup>nd</sup> Avenue and 3<sup>rd</sup> Avenue, Brooklyn, NY**

- Area of Construction
- Area of Grids (Segments)
- Soil Boring (SB)



## SECTION 6: LABORATORY ANALYSIS

### 6.1 Lab Qualifications/Certifications

Soil and/or groundwater samples were analyzed by [York Analytical Laboratories](#). The laboratory's contact information is as follows:

Laboratory Name: [York Analytical Laboratories](#)

Laboratory Address: [120 Research Drive, Stratford, CT 06615](#)

Laboratory Contact Name: [Kim Karich](#)

Laboratory Contact Phone Number: [\(203\) 325-1371](#)

As required by contract specifications, [York Analytical Laboratories](#) is a NYSDOH ELAP certified laboratory (NY ELAP No. [10854](#)). Copies of [York Analytical Laboratories](#) laboratory certifications are included in **Appendix C** for reference.

[York Analytical Laboratories](#) provided analytical results in a [five day](#) turn-around time (TAT).

Final analytical data reports for the soil samples collected are included in **Appendix D**.

## SECTION 7: RESULTS AND CONCLUSIONS

### 7.1 Soil Sample Results (if applicable)

(Check one that applies):

Soil sample results collected

Not Applicable

The corridors were found to be underlain with historic fill extending to at least 10 feet below grade surface. The investigation activities revealed that the subsurface soils consisted of varying amounts of dark brown sandy, silty clay and medium to fine clayey, silty sand, with some gravel and urban debris. No visual or olfactory evidence of contamination was observed within the soil samples collected from the site and no elevated Photoionization Detector (PID) readings were detected at any soil boring location.

As shown on Tables 3.1 through 3.5, 4.1 and 4.2, laboratory analysis of the soil samples collected from the site identified five (5) heavy metals at levels in excess of Restricted-Residential Use (Track 2) Soil Cleanup Objectives (SCOs) in six (6) samples (SB-7, SB-8, SB-9, SB-10, SB-11 and SB-13) and identified the same five (5) metals at levels in excess of Restricted-Commercial Use (Track 2) SCOs in five (5) samples (SB-7, SB-9, SB-10, SB-11 and SB-13). In addition, one (1) Semi-Volatile Organic Compound (SVOC) was detected at levels in excess of Restricted-Residential Use (Track 2) SCOs in one (1) sample (SB-9). No Volatile Organic Compounds (VOCs), pesticides or PCBs were identified at levels higher than Restricted-Residential Use and Restricted-Commercial Use (Track 2) SCOs. According to the laboratory analytical results of the waste characterization samples, one (1) TCLP RCRA metal (lead) was detected above EPA Hazardous Waste Limits in two (2) samples (SB-8 and SB-11), therefore at least two soil samples collected from the site exhibit evidence of hazardous waste characteristics. The contaminants likely originate from the historic fill material used to regrade the street right-of-way.

The locations of each soil sample collected are shown on **Figures 3.1 through 3.5**. Soil sample analytical results are summarized in **Tables 1, 3.1 through 3.5, 4.1 and 4.2**. Laboratory soils analytical reports are included in **Appendix D**. Regulatory cleanup criteria tables are included in **Appendix E**.

### 7.2 Groundwater Sample Results (if applicable)

(Check one that applies):

Groundwater sample results collected

Not Applicable

### 7.3 Conclusions

Based on the field screening and laboratory analysis of the soil samples collected from the site, the excavated soils may be reused at the site or disposed of at a disposal location as clean fill except for soils in six (6) grids (SB-7, SB-8, SB-9, SB-10, SB-11 and SB-13) which are considered contaminated or hazardous waste and should be managed according to the Material Handling

Field Sampling Summary Report  
Reconstruction of Sunset Park North Section of the Brooklyn Waterfront Greenway  
NYCDDC Project ID: SAND1048

Plan (MHP), Environmental Health and Safety Plan (EHASP) and Community Air Monitoring Plan in compliance with Specifications Items 8.01 C1 and 8.01 S. and accepted by NYCDDC. Soils in two grids (SB-8 and SB-11) exhibit hazardous waste characteristics and should be handled accordingly. Some screening of the soils for removal of miscellaneous material such as man-made material or unsuitable soils may be necessary. Additional sampling may be required by a selected disposal facility. Off-site disposal for any non-contaminated and/or non-hazardous soil will not be managed under Item 8.01 but they will be the responsibility of the Contractor. The total expected volume of excavated soil intended for disposal at an off-site facility is approximately 3,000 cubic yards.

## SECTION 8: REPORT CERTIFICATION

### Certification Statement

1. [Marzie Jafari of Applemon Corporation](#) certifies that this FSSR dated [6/25/2025](#) and all information included is true, accurate, and complete to the best of her professional knowledge and judgement; and
2. This FSSR has been prepared in accordance with all applicable statutes and regulations; and
3. This FSSR has been prepared in conformance with NYCDDC Specifications for Handling, Transportation, and Disposal of Potential and Identified Contaminated and Hazardous Materials (Item 8.01); and
4. [The data presented and the opinions expressed in this report are qualified as stated in the Statement of Limitations attached to this section of the report](#)



[Marzie Jafari, Ph.D. Director of Environmental Services, Applemon Corporation, 6/25/2025](#)

## STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

1. The sole purpose of this report is to assess the existing physical and potential characteristics of the Site with respect to the planned construction.
2. Applemon derived the data and opinions in this report from visual inspections, laboratory analysis of a limited number of samples and the information prepared by others made available to us. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.
3. In preparing this report, Applemon has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, Applemon has not attempted to verify the accuracy or completeness of any such information.
4. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of exploration and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.
5. If conditions other than what is reported herein are encountered such as odors or stains related to petroleum products or other sources of contamination, Applemon should be notified immediately to assess the situation and amend the findings.
6. Because of the limitations stated above, the findings, observations, and conclusions expressed by Applemon in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon site conditions in existence at the time of investigation.
7. This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

**TABLE 1**  
**Sampling Summary**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

<b>Grid No</b>	<b>Boring/ Sample ID</b>	<b>Location</b>	<b>Sample Depth (ft)</b>	<b>Parameter (Methodology)</b>	<b>Soil Classification*</b>
1	SB-1	2 <sup>nd</sup> Avenue	2-7	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
2	SB-2	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
3	SB-3	2 <sup>nd</sup> Avenue	2-11	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
4	SB-4	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
5	SB-5	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
6	SB-6	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
7	SB-7	2 <sup>nd</sup> Avenue	2-11	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	<b>Contaminated Exceeded RRUSCO and RCUSCO</b>
8	SB-8	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Exceeded RRUSCO, <u>but not</u> RCUSCO <b>Exceeded EPA Haz Waste Limits</b>
9	SB-9	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	<b>Contaminated Exceeded RRUSCO and RCUSCO</b>
10	SB-10	2 <sup>nd</sup> Avenue	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	<b>Contaminated Exceeded RRUSCO and RCUSCO</b>

11	SB-11	29 <sup>th</sup> Street	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	<b>Contaminated Exceeded RRUSCO and RCUSCO Exceeded EPA Haz Waste Limits</b>
12	SB-12	29 <sup>th</sup> Street	2-5	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated
13	SB-13	29 <sup>th</sup> Street	2-10	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	<b>Contaminated Exceeded RRUSCO and RCUSCO</b>
14	SB-14	29 <sup>th</sup> Street	2-5	Part 375 (with benzo(a)pyrene limit of 3 ppm) & RCRA	Not contaminated

\*Laboratory Analytical Results were compared with Part 375-6.8 Restricted Residential Use Soil Cleanup Objectives (RRUSCO) and Restricted Commercial Use Soil Cleanup Objectives (RCUSCO) with the exception that benzo(a)pyrene will have a limit of 3 parts per million (ppm). Not contaminated is defined as below RCUSCO

**TABLE 2**  
**Soil Analytical Results (NYSDEC Unrestricted Use SCOs)**

**Not Applicable**



**TABLE 3.1**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Volatile Organic Compounds (VOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09
Client Matrix	CAS Number			5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025
Compound		CAS Number	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,1,1-Trichloroethane	71-55-6	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,1-Dichloroethane	75-34-3	26	240	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,1-Dichloroethylene	75-35-4	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2,4-Trimethylbenzene	95-63-6	52	190	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2-Dibromoethane	106-93-4	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2-Dichlorobenzene	95-50-1	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2-Dichloroethane	107-06-2	3.1	30	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,2-Dichloropropane	78-87-5	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,3,5-Trimethylbenzene	108-67-8	52	190	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,3-Dichlorobenzene	541-73-1	49	280	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,4-Dichlorobenzene	106-46-7	13	130	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
1,4-Dioxane	123-91-1	13	130	0.0440	U	0.0460	U	0.0410	U	0.0410	U	0.0430	U	0.0440	U	0.0740	U	0.0730	U	0.0600	U
2-Butanone	78-93-3	100	500	0.00220	U	0.00240	J	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.0160		0.00360	U	0.00300	U
2-Hexanone	591-78-6	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Acetone	67-64-1	100	500	0.0200		0.0180		0.0130		0.0160		0.0120		0.0130		0.0500		0.0140	J	0.0180	
Acrolein	107-02-8	~	~	0.00440	U	0.00460	U	0.00410	U	0.00410	U	0.00430	U	0.00440	U	0.00740	U	0.00730	U	0.00600	U
Acrylonitrile	107-13-1	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Benzene	71-43-2	4.8	44	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Bromochloromethane	74-97-5	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Bromodichloromethane	75-27-4	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Bromoform	75-25-2	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Bromomethane	74-83-9	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Carbon disulfide	75-15-0	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Carbon tetrachloride	56-23-5	2.4	22	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U

**TABLE 3.1**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Volatile Organic Compounds (VOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025
Client Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Compound	CAS Number	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
<b>VOA, 8260 MASTER</b>																					
Dilution Factor				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Chlorobenzene	108-90-7	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Chloroethane	75-00-3	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Chloroform	67-66-3	49	350	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Chloromethane	74-87-3	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
cis-1,2-Dichloroethylene	156-59-2	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.0260	U	0.00300	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Cyclohexane	110-82-7	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Dibromochloromethane	124-48-1	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Dibromomethane	74-95-3	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Dichlorodifluoromethane	75-71-8	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Ethyl Benzene	100-41-4	41	390	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Hexachlorobutadiene	87-68-3	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Isopropylbenzene	98-82-8	~	~	0.00320	J	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Methyl acetate	79-20-9	~	~	0.00220	U	0.00230	U	0.00570		0.0130		0.00210	U	0.0110		0.00370	U	0.00360	U	0.00300	U
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Methylcyclohexane	108-87-2	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Methylene chloride	75-09-2	100	500	0.00440	U	0.00460	U	0.00410	U	0.00410	U	0.00430	U	0.00440	U	0.00740	U	0.00730	U	0.00600	U
n-Butylbenzene	104-51-8	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
n-Propylbenzene	103-65-1	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
o-Xylene	95-47-6	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
p- & m- Xylenes	179601-23-1	~	~	0.00440	U	0.00460	U	0.00410	U	0.00410	U	0.00430	U	0.00440	U	0.00740	U	0.00730	U	0.00600	U
p-Isopropyltoluene	99-87-6	~	~	0.0150		0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
sec-Butylbenzene	135-98-8	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Styrene	100-42-5	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
tert-Butylbenzene	98-06-6	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Tetrachloroethylene	127-18-4	19	150	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Toluene	108-88-3	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
trans-1,2-Dichloroethylene	156-60-5	100	500	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00700	J	0.00300	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Trichloroethylene	79-01-6	21	200	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.0190		0.00300	U
Trichlorofluoromethane	75-69-4	~	~	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	0.00360	U	0.00300	U
Vinyl Chloride	75-01-4	0.9	13	0.00220	U	0.00230	U	0.00200	U	0.00200	U	0.00210	U	0.00220	U	0.00370	U	<b>0.130</b>		0.00300	U
Xylenes, Total	1330-20-7	100	500	0.00660	U	0.00690	U	0.00610	U	0.00610	U	0.00640	U	0.00660	U	0.0110	U	0.0110	U	0.00900	U

**TABLE 3.1**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Volatile Organic Compounds (VOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil		
York ID	Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Sampling Date	Compound	CAS Number	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	<b>VOA, 8260 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
	<b>Dilution Factor</b>				1		1		1		1		1	
	1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,1,1-Trichloroethane	71-55-6	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,1,2-Trichloroethane	79-00-5	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,1-Dichloroethane	75-34-3	26	240	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,1-Dichloroethylene	75-35-4	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2,3-Trichlorobenzene	87-61-6	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2,3-Trichloropropane	96-18-4	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2,4-Trichlorobenzene	120-82-1	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2,4-Trimethylbenzene	95-63-6	52	190	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2-Dibromoethane	106-93-4	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2-Dichlorobenzene	95-50-1	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2-Dichloroethane	107-06-2	3.1	30	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,2-Dichloropropane	78-87-5	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,3,5-Trimethylbenzene	108-67-8	52	190	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,3-Dichlorobenzene	541-73-1	49	280	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,4-Dichlorobenzene	106-46-7	13	130	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	1,4-Dioxane	123-91-1	13	130	0.0740	U	0.0540	U	0.0450	U	0.0480	U	0.0430	U
	2-Butanone	78-93-3	100	500	0.00640	J	0.00410	J	0.00230	U	0.00240	U	0.00210	U
	2-Hexanone	591-78-6	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	4-Methyl-2-pentanone	108-10-1	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Acetone	67-64-1	100	500	0.0310		0.0180		0.00670	J	0.00640	J	0.00680	J
	Acrolein	107-02-8	~	~	0.00740	U	0.00540	U	0.00450	U	0.00480	U	0.00430	U
	Acrylonitrile	107-13-1	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Benzene	71-43-2	4.8	44	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Bromochloromethane	74-97-5	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Bromodichloromethane	75-27-4	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Bromoform	75-25-2	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Bromomethane	74-83-9	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
	Carbon disulfide	75-15-0	~	~	0.00370	J	0.00320	J	0.00230	U	0.00240	U	0.00210	U
	Carbon tetrachloride	56-23-5	2.4	22	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U

**TABLE 3.1**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Volatile Organic Compounds (VOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
York ID	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>VOA, 8260 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Chlorobenzene	108-90-7	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Chloroethane	75-00-3	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Chloroform	67-66-3	49	350	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Chloromethane	74-87-3	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
cis-1,2-Dichloroethylene	156-59-2	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Cyclohexane	110-82-7	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Dibromochloromethane	124-48-1	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Dibromomethane	74-95-3	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Dichlorodifluoromethane	75-71-8	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Ethyl Benzene	100-41-4	41	390	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Hexachlorobutadiene	87-68-3	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Isopropylbenzene	98-82-8	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Methyl acetate	79-20-9	~	~	0.0120		0.00270	U	0.00230	U	0.00240	U	0.0370	
Methyl tert-butyl ether (MTBE)	1634-04-4	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Methylcyclohexane	108-87-2	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Methylene chloride	75-09-2	100	500	0.00740	U	0.00540	U	0.00450	U	0.00480	U	0.00430	U
n-Butylbenzene	104-51-8	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
n-Propylbenzene	103-65-1	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
o-Xylene	95-47-6	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
p- & m- Xylenes	179601-23-1	~	~	0.00740	U	0.00540	U	0.00450	U	0.00480	U	0.00430	U
p-Isopropyltoluene	99-87-6	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
sec-Butylbenzene	135-98-8	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Styrene	100-42-5	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
tert-Butylbenzene	98-06-6	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Tetrachloroethylene	127-18-4	19	150	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Toluene	108-88-3	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
trans-1,2-Dichloroethylene	156-60-5	100	500	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Trichloroethylene	79-01-6	21	200	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Trichlorofluoromethane	75-69-4	~	~	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Vinyl Chloride	75-01-4	0.9	13	0.00370	U	0.00270	U	0.00230	U	0.00240	U	0.00210	U
Xylenes, Total	1330-20-7	100	500	0.0110	U	0.00800	U	0.00680	U	0.00720	U	0.00640	U

**TABLE 3.2**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Semi-Volatile Organic Compounds (SVOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 25E0927-01 5/14/2025		SB-2 25E0927-02 5/14/2025		SB-3 25E0927-03 5/14/2025		SB-4 25E0927-04 5/14/2025		SB-5 25E0927-05 5/14/2025		SB-6 25E0927-06 5/14/2025		SB-7 25E0927-07 5/14/2025		SB-8 25E0927-08 5/14/2025		SB-9 25E0927-09 5/14/2025	
York ID	Sampling Date			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Client Matrix	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Semi-Volatiles, Parathion by 8270</b>				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
<b>Dilution Factor</b>				2		2		2		2		2		2		2		2		2	
Parathion	56-38-2	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
<b>SVOA, 8270 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				2		2		2		2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
1,2-Dichlorobenzene	95-50-1	100	500	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
1,3-Dichlorobenzene	541-73-1	49	280	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
1,4-Dichlorobenzene	106-46-7	13	130	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2,4-Dichlorophenol	120-83-2	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2,4-Dimethylphenol	105-67-9	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2,4-Dinitrophenol	51-28-5	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0464	U	0.0470	U	0.0477	U	1.120	D	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0464	U	0.0470	U	0.0477	U	1.530	D	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2-Chloronaphthalene	91-58-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2-Chlorophenol	95-57-8	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2-Methylnaphthalene	91-57-6	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2-Methylphenol	95-48-7	100	500	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
2-Nitroaniline	88-74-4	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
2-Nitrophenol	88-75-5	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
3- & 4-Methylphenols	65794-96-9	100	500	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	<b>0.336</b>	D	0.0620	U	0.0634	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
3-Nitroaniline	99-09-2	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
4-Chloroaniline	106-47-8	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
4-Nitroaniline	100-01-6	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U

**TABLE 3.2**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Semi-Volatile Organic Compounds (SVOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09
Client Matrix	CAS Number			5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025
Compound				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>SVOA, 8270 MASTER</b>				mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				2		2		2		2		2		2		2		2		2	
4-Nitrophenol	100-02-7	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
Acenaphthene	83-32-9	100	500	0.0464	U	0.0470	U	0.0867	JD	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Acenaphthylene	208-96-8	100	500	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Acetophenone	98-86-2	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Aniline	62-53-3	~	~	0.185	U	0.188	U	0.190	U	0.191	U	0.193	U	0.189	U	0.238	U	0.248	U	0.253	U
Anthracene	120-12-7	100	500	0.0464	U	0.0470	U	0.153	D	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.291	D
Atrazine	1912-24-9	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Benzaldehyde	100-52-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Benzidine	92-87-5	~	~	0.185	U	0.188	U	0.190	U	0.191	U	0.193	U	0.189	U	0.238	U	0.248	U	0.253	U
Benzo(a)anthracene	56-55-3	1	5.6	0.0464	U	0.170	D	0.354	D	0.0478	U	0.0484	U	0.0472	U	0.0951	JD	0.0620	U	0.806	D
Benzo(a)pyrene	50-32-8	3	3	0.0464	U	0.161	D	0.365	D	0.0478	U	0.0484	U	0.0472	U	0.0932	JD	0.0620	U	0.769	D
Benzo(b)fluoranthene	205-99-2	1	5.6	0.0464	U	0.140	D	0.523	D	0.0478	U	0.0484	U	0.0472	U	0.0980	JD	0.0620	U	0.935	D
Benzo(g,h,i)perylene	191-24-2	100	500	0.0464	U	0.0990	D	0.225	D	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.513	D
Benzo(k)fluoranthene	207-08-9	3.9	56	0.0464	U	0.125	D	0.176	D	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.325	D
Benzoic acid	65-85-0	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Benzyl alcohol	100-51-6	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Benzyl butyl phthalate	85-68-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Caprolactam	105-60-2	~	~	0.0926	U	0.0939	U	0.0951	U	0.0953	U	0.0965	U	0.0942	U	0.119	U	0.124	U	0.126	U
Carbazole	86-74-8	~	~	0.0464	U	0.0470	U	0.0768	JD	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Chrysene	218-01-9	3.9	56	0.0464	U	0.164	D	0.478	D	0.0478	U	0.0484	U	0.0472	U	0.0837	JD	0.0620	U	0.758	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	0.0464	U	0.0470	U	0.0662	JD	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.127	D
Dibenzofuran	132-64-9	59	350	0.0464	U	0.0470	U	0.0760	JD	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Diethyl phthalate	84-66-2	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Dimethyl phthalate	131-11-3	~	~	0.0464	U	0.0470	U	0.0477	U	0.375	D	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Di-n-butyl phthalate	84-74-2	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Di-n-octyl phthalate	117-84-0	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Fluoranthene	206-44-0	100	500	0.0464	U	0.356	D	0.915	D	0.0478	U	0.0484	U	0.0472	U	0.148	D	0.0620	U	1.770	D
Fluorene	86-73-7	100	500	0.0464	U	0.0470	U	0.145	D	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U

**TABLE 3.2**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Semi-Volatile Organic Compounds (SVOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	25E0927-10	25E0927-11	25E0927-12	25E0927-13	25E0927-14	25E0927-15	25E0927-16	25E0927-17	25E0927-18
Client Matrix				5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>SVOA, 8270 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				2		2		2		2		2		2		2		2		2	
Hexachlorobenzene	118-74-1	1.2	6	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Hexachlorobutadiene	87-68-3	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Hexachloroethane	67-72-1	~	~	0.0464	U	0.0470	U	0.0477	U	1.190	D	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	5.6	0.0464	U	0.101	D	0.251	D	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.567	D
Isophorone	78-59-1	~	~	0.0464	U	0.0470	U	0.0477	U	0.411	D	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Naphthalene	91-20-3	100	500	0.0464	U	0.0470	U	0.0897	JD	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Nitrobenzene	98-95-3	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0464	U	0.0470	U	0.0477	U	0.179	D	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Pentachlorophenol	87-86-5	6.7	6.7	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Phenanthrene	85-01-8	100	500	0.0464	U	0.105	D	0.742	D	0.0478	U	0.0484	U	0.0472	U	0.113	JD	0.0620	U	0.929	D
Phenol	108-95-2	100	500	0.0464	U	0.0470	U	0.0477	U	0.0478	U	0.0484	U	0.0472	U	0.0596	U	0.0620	U	0.0634	U
Pyrene	129-00-0	100	500	0.0464	U	0.326	D	0.980	D	0.0478	U	0.0484	U	0.0472	U	0.161	D	0.0620	U	1.760	D
Pyridine	110-86-1	~	~	0.185	U	0.188	U	0.190	U	0.191	U	0.193	U	0.189	U	0.238	U	0.248	U	0.253	U

**TABLE 3.2**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Semi-Volatile Organic Compounds (SVOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Semi-Volatiles, Parathion by 8270</b>				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
<b>Dilution Factor</b>				2		2		2		2		2	
Parathion	56-38-2	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
<b>SVOA, 8270 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
1,2-Dichlorobenzene	95-50-1	100	500	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
1,3-Dichlorobenzene	541-73-1	49	280	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
1,4-Dichlorobenzene	106-46-7	13	130	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2,4-Dichlorophenol	120-83-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2,4-Dimethylphenol	105-67-9	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2,4-Dinitrophenol	51-28-5	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2-Chloronaphthalene	91-58-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2-Chlorophenol	95-57-8	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2-Methylnaphthalene	91-57-6	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2-Methylphenol	95-48-7	100	500	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
2-Nitroaniline	88-74-4	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
2-Nitrophenol	88-75-5	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
3- & 4-Methylphenols	65794-96-9	100	500	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
3-Nitroaniline	99-09-2	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
4-Chloroaniline	106-47-8	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
4-Nitroaniline	100-01-6	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U



**TABLE 3.2**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Semi-Volatile Organic Compounds (SVOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>SVOA, 8270 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				2		2		2		2		2	
4-Nitrophenol	100-02-7	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
Acenaphthene	83-32-9	100	500	0.0597	U	0.0491	U	0.0468	U	0.0522	JD	0.0457	U
Acenaphthylene	208-96-8	100	500	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Acetophenone	98-86-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Aniline	62-53-3	~	~	0.239	U	0.196	U	0.187	U	0.198	U	0.183	U
Anthracene	120-12-7	100	500	0.0597	U	0.0491	U	0.0468	U	0.141	D	0.0457	U
Atrazine	1912-24-9	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Benzaldehyde	100-52-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0554	JD	0.0457	U
Benzdine	92-87-5	~	~	0.239	U	0.196	U	0.187	U	0.198	U	0.183	U
Benzo(a)anthracene	56-55-3	1	5.6	0.0597	U	0.113	D	0.0934	JD	0.322	D	0.0457	U
Benzo(a)pyrene	50-32-8	3	3	0.0597	U	0.0650	JD	0.0620	JD	0.255	D	0.0457	U
Benzo(b)fluoranthene	205-99-2	1	5.6	0.0597	U	0.0854	JD	0.0732	JD	0.280	D	0.0457	U
Benzo(g,h,i)perylene	191-24-2	100	500	0.0597	U	0.0533	JD	0.0486	JD	0.168	D	0.0457	U
Benzo(k)fluoranthene	207-08-9	3.9	56	0.0597	U	0.0491	U	0.0468	U	0.101	D	0.0457	U
Benzoic acid	65-85-0	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Benzyl alcohol	100-51-6	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Benzyl butyl phthalate	85-68-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Caprolactam	105-60-2	~	~	0.119	U	0.0980	U	0.0935	U	0.0989	U	0.0913	U
Carbazole	86-74-8	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Chrysene	218-01-9	3.9	56	0.0597	U	0.103	D	0.0777	JD	0.304	D	0.0457	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Dibenzofuran	132-64-9	59	350	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Diethyl phthalate	84-66-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Dimethyl phthalate	131-11-3	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Di-n-butyl phthalate	84-74-2	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Di-n-octyl phthalate	117-84-0	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Fluoranthene	206-44-0	100	500	0.0597	U	0.137	D	0.185	D	0.539	D	0.0457	U
Fluorene	86-73-7	100	500	0.0597	U	0.0491	U	0.0468	U	0.0498	JD	0.0457	U

**TABLE 3.2**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Semi-Volatile Organic Compounds (SVOCs)**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
York ID	Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Sampling Date	CAS Number	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>SVOA, 8270 MASTER</b>													
<b>Dilution Factor</b>				2		2		2		2		2	
Hexachlorobenzene	118-74-1	1.2	6	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Hexachlorobutadiene	87-68-3	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Hexachloroethane	67-72-1	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	5.6	0.0597	U	0.0502	JD	0.0468	U	0.159	D	0.0457	U
Isophorone	78-59-1	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Naphthalene	91-20-3	100	500	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Nitrobenzene	98-95-3	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0597	U	0.0491	U	0.0468	U	0.0538	JD	0.0457	U
Pentachlorophenol	87-86-5	6.7	6.7	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Phenanthrene	85-01-8	100	500	0.0597	U	0.0491	U	0.0994	D	0.575	D	0.0457	U
Phenol	108-95-2	100	500	0.0597	U	0.0491	U	0.0468	U	0.0496	U	0.0457	U
Pyrene	129-00-0	100	500	0.0597	U	0.171	D	0.181	D	0.691	D	0.0457	U
Pyridine	110-86-1	~	~	0.239	U	0.196	U	0.187	U	0.198	U	0.183	U

**TABLE 3.3**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – TPH and Pesticides**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	25E0927-10	25E0927-11	25E0927-12	25E0927-13	25E0927-14	25E0927-15	25E0927-16	25E0927-17	25E0927-18
Client Matrix	CAS Number			5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Total Petroleum Hydrocarbons-DRO (C10-C28)</b>				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1	
Total Petroleum Hydrocarbons-DRO	68334-30-5	~	~	93.100		11.300		35.800		11.300	U	11.900		11.400	U	296		17.500		174	
<b>PEST, 8081 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	13	92	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
4,4'-DDE	72-55-9	8.9	62	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
4,4'-DDT	50-29-3	7.9	47	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Aldrin	309-00-2	0.097	0.68	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
alpha-BHC	319-84-6	0.48	3.4	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
alpha-Chlordane	5103-71-9	4.2	24	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
beta-BHC	319-85-7	0.36	3	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Chlordane, total	57-74-9	~	~	0.0365	U	0.0375	U	0.0379	U	0.0380	U	0.0385	U	0.0375	U	0.0477	U	0.0496	U	0.0505	U
delta-BHC	319-86-8	100	500	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Dieldrin	60-57-1	0.2	1.4	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Endosulfan I	959-98-8	24	200	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Endosulfan II	33213-65-9	24	200	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Endosulfan sulfate	1031-07-8	24	200	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Endrin	72-20-8	11	89	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Endrin aldehyde	7421-93-4	~	~	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Endrin ketone	53494-70-5	~	~	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
gamma-BHC (Lindane)	58-89-9	1.3	9.2	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
gamma-Chlordane	5566-34-7	~	~	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Heptachlor	76-44-8	2.1	15	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Heptachlor epoxide	1024-57-3	~	~	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Methoxychlor	72-43-5	~	~	0.00183	U	0.00188	U	0.00189	U	0.00190	U	0.00192	U	0.00188	U	0.00239	U	0.00248	U	0.00253	U
Toxaphene	8001-35-2	~	~	0.183	U	0.188	U	0.189	U	0.190	U	0.192	U	0.188	U	0.239	U	0.248	U	0.253	U

**TABLE 3.3**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – TPH and Pesticides**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Total Petroleum Hydrocarbons-DRO (C10-C28)</b>				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Total Petroleum Hydrocarbons-DRO	68334-30-5	~	~	30.900		104		26		121		14.800	
<b>PEST, 8081 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				5		5		5		5		5	
4,4'-DDD	72-54-8	13	92	<b>0.00475</b>	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
4,4'-DDE	72-55-9	8.9	62	<b>0.00475</b>	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
4,4'-DDT	50-29-3	7.9	47	<b>0.00475</b>	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Aldrin	309-00-2	0.097	0.68	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
alpha-BHC	319-84-6	0.48	3.4	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
alpha-Chlordane	5103-71-9	4.2	24	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
beta-BHC	319-85-7	0.36	3	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Chlordane, total	57-74-9	~	~	0.0950	U	0.0393	U	0.0375	U	0.0397	U	0.0362	U
delta-BHC	319-86-8	100	500	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Dieldrin	60-57-1	0.2	1.4	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Endosulfan I	959-98-8	24	200	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Endosulfan II	33213-65-9	24	200	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Endosulfan sulfate	1031-07-8	24	200	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Endrin	72-20-8	11	89	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Endrin aldehyde	7421-93-4	~	~	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Endrin ketone	53494-70-5	~	~	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
gamma-BHC (Lindane)	58-89-9	1.3	9.2	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
gamma-Chlordane	5566-34-7	~	~	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Heptachlor	76-44-8	2.1	15	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Heptachlor epoxide	1024-57-3	~	~	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Methoxychlor	72-43-5	~	~	0.00475	U	0.00197	U	0.00187	U	0.00198	U	0.00181	U
Toxaphene	8001-35-2	~	~	0.475	U	0.197	U	0.187	U	0.198	U	0.181	U

**TABLE 3.4**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Metals**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	25E0927-10	25E0927-11	25E0927-12	25E0927-13	25E0927-14	25E0927-15	25E0927-16	25E0927-17	25E0927-18
Client Matrix				5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Metals, Target Analyte</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	5,560		6,170		7,230		8,360		6,420		5,860		4,860		5,590		6,510	
Antimony	7440-36-0	~	~	2.330	U	2.380	U	2.400	U	2.400	U	2.440	U	2.380	U	3.020	U	3.140	U	3.210	U
Arsenic	7440-38-2	16	16	2.920		2.870		3		3.190		2.530		2.440		<b>16.300</b>		9.930		<b>20.300</b>	
Barium	7440-39-3	400	400	32.100		33.300		43		39.500		30.800		34.400		172		122		154	
Beryllium	7440-41-7	72	590	0.224		0.174		0.195		0.218		0.235		0.150		0.205		0.371		0.385	
Cadmium	7440-43-9	4.3	9.3	0.279	U	0.285	U	0.288	U	0.289	U	0.292	U	0.285	U	0.399		0.993		0.745	
Calcium	7440-70-2	~	~	2,320		1,470		2,400		1,420		1,190		1,870		8,990		3,490		35,900	
Chromium	7440-47-3	~	~	13.900		13.800		14.600		14.400		12.700		16.500		21.200		18.900		28.100	
Cobalt	7440-48-4	~	~	6.310		6.930		5.690		5.330		6.290		5.630		6.260		7.050		7.860	
Copper	7440-50-8	270	270	15.200		13.900		18.800		10.600		10		10.900		<b>105</b>		<b>107</b>		<b>299</b>	
Iron	7439-89-6	~	~	11,300		12,800		11,600		11,400		10,800		11,100		15,800		8,240		31,200	
Lead	7439-92-1	400	1,000	14.100		14.100		32.200		8.630		18.800		6.290		<b>1,380</b>		<b>409</b>		<b>1,080</b>	
Magnesium	7439-95-4	~	~	4,430		2,810		2,630		2,230		2,400		2,730		2,580		906		12,200	
Manganese	7439-96-5	2,000	10,000	270		224		236		335		296		259		184		131		218	
Nickel	7440-02-0	310	310	<b>39.400</b>		22.800		16		13.200		14.100		14		16.200		19.100		21.600	
Potassium	7440-09-7	~	~	1,210		1,270		1,240		1,050		959		1,430		1,020		535		829	
Selenium	7782-49-2	180	1,500	2.330	U	2.380	U	2.400	U	2.400	U	2.440	U	2.380	U	3.020	U	<b>4.690</b>		3.210	U
Silver	7440-22-4	180	1,500	0.469	U	0.479	U	0.484	U	0.485	U	0.491	U	0.479	U	1.270		0.780		0.681	
Sodium	7440-23-5	~	~	453		1,010		306		783		864		525		673		442		617	
Thallium	7440-28-0	~	~	1.870	U	1.900	U	1.920	U	1.930	U	1.950	U	1.910	U	2.420	U	2.520	U	2.570	U
Vanadium	7440-62-2	~	~	17.400		23.300		21.300		21.700		18.700		21.900		20		29.200		46	
Zinc	7440-66-6	10,000	10,000	35.600		33.200		51.900		31.200		27.600		26		<b>337</b>		<b>309</b>		<b>452</b>	
<b>Mercury by 7473</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.81	2.8	0.0335	U	0.111		0.126		0.0406		0.0589		0.0415		<b>9.600</b>		<b>2.070</b>		<b>3.160</b>	
<b>Chromium, Hexavalent</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	110	400	0.559	U	0.570	U	0.576	U	0.577	U	0.585	U	0.571	U	0.725	U	0.755	U	0.771	U
<b>Chromium, Trivalent</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1	
Chromium, Trivalent	16065-83-1	180	1,500	13.500		13.800		14.600		14.400		12.700		16.500		21.200		18.900		28.100	

**TABLE 3.4**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Metals**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
York ID	Sampling Date			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Client Matrix	CAS Number												
<b>Metals, Target Analyte</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Aluminum	7429-90-5	~	~	4,770		11,600		6,480		5,840		7,490	
Antimony	7440-36-0	~	~	3.030	U	3.550		2.370	U	2.510	U	2.320	U
Arsenic	7440-38-2	16	16	<b>20.400</b>		<b>15.600</b>		6.410		<b>19</b>		2.810	
Barium	7440-39-3	400	400	209		<b>553</b>		50		116		65.300	
Beryllium	7440-41-7	72	590	0.492		1.840		0.215		0.408		0.235	
Cadmium	7440-43-9	4.3	9.3	1.400		1.410		0.285	U	0.301		0.278	U
Calcium	7440-70-2	~	~	7,320		16,600		2,060		6,030		1,710	
Chromium	7440-47-3	~	~	35.800		14.600		16.300		13.600		14.100	
Cobalt	7440-48-4	~	~	7.130		11.300		7.660		8.900		6.650	
Copper	7440-50-8	270	270	<b>373</b>		<b>429</b>		32		<b>97</b>		13.700	
Iron	7439-89-6	~	~	18,200		20,500		15,100		15,200		13,700	
Lead	7439-92-1	400	1,000	<b>1,620</b>		<b>830</b>		47.700		<b>269</b>		9.220	
Magnesium	7439-95-4	~	~	1,660		5,380		2,920		2,540		3,200	
Manganese	7439-96-5	2,000	10,000	78.100		229		224		189		314	
Nickel	7440-02-0	310	310	22.600		23.700		28.500		21.400		14.700	
Potassium	7440-09-7	~	~	562		1,260		1,210		1,160		1,930	
Selenium	7782-49-2	180	1,500	3.030	U	2.490	U	2.370	U	2.510	U	2.320	U
Silver	7440-22-4	180	1,500	<b>130</b>		0.936		0.478	U	0.506	U	0.467	U
Sodium	7440-23-5	~	~	704		1,670		855		810		807	
Thallium	7440-28-0	~	~	2.430	U	2	U	1.900	U	2.010	U	1.860	U
Vanadium	7440-62-2	~	~	25.800		45.300		21.200		21.300		21.700	
Zinc	7440-66-6	10,000	10,000	<b>422</b>		<b>673</b>		87.900		<b>154</b>		34.200	
<b>Mercury by 7473</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Mercury	7439-97-6	0.81	2.8	<b>5.970</b>		<b>1.450</b>		<b>0.291</b>		<b>1.990</b>		0.178	
<b>Chromium, Hexavalent</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	110	400	0.726	U	0.597	U	0.570	U	0.603	U	0.556	U
<b>Chromium, Trivalent</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Chromium, Trivalent	16065-83-1	180	1,500	<b>35.800</b>		14.600		16.300		13.600		13.600	

**TABLE 3.5**  
**Soil Analytical Results (NYSDEC Restricted Use SCO) – Cyanide, Herbicides and PCBs**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9		
York ID	Sampling Date			25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	25E0927-01	25E0927-02	25E0927-03	25E0927-04	25E0927-05	25E0927-06	25E0927-07	25E0927-08	25E0927-09	
Client Matrix	CAS Number			5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	5/14/2025	
Compound				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
<b>Cyanide, Total</b>			mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1		1
Cyanide, total	57-12-5		27	27	0.559	U	0.570	U	0.576	U	0.908		0.585	U	1.080		0.725	U	0.755	U	0.771	U
<b>Total Solids</b>				%		%		%		%		%		%		%		%		%		%
<b>Dilution Factor</b>				1		1		1		1		1		1		1		1		1		1
% Solids	solids		~	~	89.500		87.700		86.800		86.600		85.500		87.600		68.900		66.300		64.900	
<b>HERB, 8151 MASTER</b>			mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>					1		1		1		1		1		1		1		1		1	
2,4,5-T	93-76-5		~	~	0.0221	U	0.0226	U	0.0228	U	0.0228	U	0.0231	U	0.0225	U	0.0286	U	0.0298	U	0.0304	U
2,4,5-TP (Silvex)	93-72-1		100	500	0.0221	U	0.0226	U	0.0228	U	0.0228	U	0.0231	U	0.0225	U	0.0286	U	0.0298	U	0.0304	U
2,4-D	94-75-7		~	~	0.0221	U	0.0226	U	0.0228	U	0.0228	U	0.0231	U	0.0225	U	0.0286	U	0.0298	U	0.0304	U
<b>PCB, 8082 MASTER</b>			mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>					1		1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1221	11104-28-2		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1232	11141-16-5		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1242	53469-21-9		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1248	12672-29-6		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1254	11097-69-1		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1260	11096-82-5		~	~	0.0184	U	0.0189	U	0.0423		0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1262	37324-23-5		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Aroclor 1268	11100-14-4		~	~	0.0184	U	0.0189	U	0.0191	U	0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U
Total PCBs	1336-36-3		1	1	0.0184	U	0.0189	U	0.0423		0.0192	U	0.0194	U	0.0189	U	0.0241	U	0.0251	U	0.0255	U

**TABLE 3.5**  
**Soil Analytical Results (NYSDEC Restricted Use SCOs) – Cyanide, Herbicides and PCBs**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-10 25E1084-01 5/15/2025 Soil		SB-11 25E1084-02 5/15/2025 Soil		SB-12 25E1084-03 5/15/2025 Soil		SB-13 25E1084-04 5/15/2025 Soil		SB-14 25E1084-05 5/15/2025 Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Cyanide, Total</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Cyanide, total	57-12-5	27	27	0.726	U	0.612		0.570	U	0.603	U	0.556	U
<b>Total Solids</b>				%		%		%		%		%	
<b>Dilution Factor</b>				1		1		1		1		1	
% Solids	solids	~	~	68.800		83.700		87.800		82.900		89.900	
<b>HERB, 8151 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
2,4,5-T	93-76-5	~	~	0.0286	U	0.0236	U	0.0226	U	0.0238	U	0.0217	U
2,4,5-TP (Silvex)	93-72-1	100	500	0.0286	U	0.0236	U	0.0226	U	0.0238	U	0.0217	U
2,4-D	94-75-7	~	~	0.0286	U	0.0236	U	0.0226	U	0.0238	U	0.0217	U
<b>PCB, 8082 MASTER</b>		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>				1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1221	11104-28-2	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1232	11141-16-5	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1242	53469-21-9	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1248	12672-29-6	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1254	11097-69-1	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1260	11096-82-5	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1262	37324-23-5	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Aroclor 1268	11100-14-4	~	~	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U
Total PCBs	1336-36-3	1	1	0.0480	U	0.0198	U	0.0189	U	0.0200	U	0.0183	U



**TABLE 4.1**  
**TCLP/RCRA – VOCs, SVOCs and Pesticides**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		EPA Hazardous Waste Limits	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID			25E0929-01		25E0929-02		25E0929-03		25E0929-04		25E0929-05		25E0929-06		25E0929-07		25E0929-08		25E0929-09	
Sampling Date			5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>VOA, TCLP MASTER</b>		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>Dilution Factor</b>			10		10		10		10		10		10		10		10		10	
1,1-Dichloroethylene	75-35-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,2-Dichloroethane	107-06-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,4-Dichlorobenzene	106-46-7	7.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
2-Butanone	78-93-3	200	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Benzene	71-43-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0440	JD	0.0250	U	0.0250	U
Carbon tetrachloride	56-23-5	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chlorobenzene	108-90-7	100	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chloroform	67-66-3	6	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Tetrachloroethylene	127-18-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Trichloroethylene	79-01-6	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Vinyl Chloride	75-01-4	0.2	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
<b>SVOA, TCLP MASTER</b>		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
1,4-Dichlorobenzene	106-46-7	7.5	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
2,4,5-Trichlorophenol	95-95-4	400	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
2,4,6-Trichlorophenol	88-06-2	2	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
2,4-Dinitrotoluene	121-14-2	0.13	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
2-Methylphenol	95-48-7	200	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
3- & 4-Methylphenols	65794-96-9	~	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
Cresols, total	1319-77-3	200	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U	0.0100	U
Hexachlorobenzene	118-74-1	0.13	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
Hexachlorobutadiene	87-68-3	0.5	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
Hexachloroethane	67-72-1	3	0.00125	U	0.00125	U	0.00125	U	0.00125	U	0.00125	U	0.00125	U	0.00125	U	0.00125	U	0.00125	U
Nitrobenzene	98-95-3	2	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
Pentachlorophenol	87-86-5	100	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
Pyridine	110-86-1	5	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
<b>PEST, TCLP MASTER</b>		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
Endrin	72-20-8	0.02	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
gamma-BHC (Lindane)	58-89-9	0.4	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor	76-44-8	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor epoxide	1024-57-3	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Methoxychlor	72-43-5	10	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Toxaphene	8001-35-2	0.5	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U	0.00111	U

**TABLE 4.1**  
**TCLP/RCRA – VOCs, SVOCs and Pesticides**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		EPA Hazardous Waste Limits	SB-10 25E1087-01 5/15/2025 Soil		SB-11 25E1087-02 5/15/2025 Soil		SB-12 25E1087-03 5/15/2025 Soil		SB-13 25E1087-04 5/15/2025 Soil		SB-14 25E1087-05 5/15/2025 Soil	
York ID	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Sampling Date			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
<b>VOA, TCLP MASTER</b>			mg/L	mg/L		mg/L		mg/L		mg/L		mg/L
<b>Dilution Factor</b>			10		10		10		10		10	
1,1-Dichloroethylene	75-35-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,2-Dichloroethane	107-06-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
1,4-Dichlorobenzene	106-46-7	7.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
2-Butanone	78-93-3	200	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Benzene	71-43-2	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Carbon tetrachloride	56-23-5	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chlorobenzene	108-90-7	100	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Chloroform	67-66-3	6	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Tetrachloroethylene	127-18-4	0.7	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Trichloroethylene	79-01-6	0.5	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
Vinyl Chloride	75-01-4	0.2	0.0250	U	0.0250	U	0.0250	U	0.0250	U	0.0250	U
<b>SVOA, TCLP MASTER</b>			mg/L	mg/L		mg/L		mg/L		mg/L		mg/L
<b>Dilution Factor</b>			1		1		1		1		1	
1,4-Dichlorobenzene	106-46-7	7.5	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
2,4,5-Trichlorophenol	95-95-4	400	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
2,4,6-Trichlorophenol	88-06-2	2	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
2,4-Dinitrotoluene	121-14-2	0.13	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
2-Methylphenol	95-48-7	200	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
3- & 4-Methylphenols	65794-96-9	~	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
Cresols, total	1319-77-3	200	0.0200	U	0.0200	U	0.0200	U	0.0200	U	0.0200	U
Hexachlorobenzene	118-74-1	0.13	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
Hexachlorobutadiene	87-68-3	0.5	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
Hexachloroethane	67-72-1	3	0.00250	U	0.00250	U	0.00250	U	0.00250	U	0.00250	U
Nitrobenzene	98-95-3	2	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
Pentachlorophenol	87-86-5	100	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
Pyridine	110-86-1	5	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
<b>PEST, TCLP MASTER</b>			mg/L	mg/L		mg/L		mg/L		mg/L		mg/L
<b>Dilution Factor</b>			1		1		1		1		1	
Endrin	72-20-8	0.02	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
gamma-BHC (Lindane)	58-89-9	0.4	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor	76-44-8	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Heptachlor epoxide	1024-57-3	0.008	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Methoxychlor	72-43-5	10	0.00004	U	0.00004	U	0.00004	U	0.00004	U	0.00004	U
Toxaphene	8001-35-2	0.5	0.00100	U	0.00100	U	0.00100	U	0.00100	U	0.00100	U

**TABLE 4.2**  
**TCLP/RCRA – Metals, Hazardous Waste Characteristics and Herbicides**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		EPA Hazardous Waste Limits	SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9	
York ID			25E0929-01		25E0929-02		25E0929-03		25E0929-04		25E0929-05		25E0929-06		25E0929-07		25E0929-08		25E0929-09	
Sampling Date			5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025		5/14/2025	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
<b>Metals, TCLP RCRA</b>		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
Arsenic	7440-38-2	5	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U
Barium	7440-39-3	100	0.625	U	0.625	U	0.625	U	0.625	U	0.790	U	0.625	U	0.625	U	0.625	U	0.885	U
Cadmium	7440-43-9	1	0.0750	U	0.0750	U	0.0750	U	0.0750	U	0.0750	U	0.0750	U	0.0750	U	0.0750	U	0.0750	U
Chromium	7440-47-3	5	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U
Lead	7439-92-1	5	0.125	U	0.125	U	0.165	U	0.125	U	0.240	U	0.125	U	0.812	U	26.900	U	1.790	U
Selenium	7782-49-2	1	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U
Silver	7440-22-4	5	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U
<b>Mercury, TCLP</b>		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.2	0.00020		0.00020		0.00020		0.00020		0.00020		0.00020		0.00020		0.00020		0.00020	
<b>Corrosivity (pH) by SM 4500/EPA 9045D</b>			pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
pH	pH	~	10.300		8.520		8.310		8.640		8.260		9.260		8.590		9.930		9.700	
<b>Ignitability</b>			None		None		None		None		None		None		None		None		None	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
Ignitability	IGNITB	~	Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.	
<b>Reactivity-Cyanide</b>			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
Reactivity - Cyanide	CREAC	~	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U
<b>Reactivity-Sulfide</b>			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
Reactivity - Sulfide	SREAC	~	15	U	15	U	15	U	15	U	16	U	16	U	16	U	15	U	15	U
<b>HERB, TCLP MASTER</b>		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>Dilution Factor</b>			1		1		1		1		1		1		1		1		1	
2,4,5-TP (Silvex)	93-72-1	1	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
2,4-D	94-75-7	10	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U

**TABLE 4.2**  
**TCLP/RCRA – Metals, Hazardous Waste Characteristics and Herbicides**  
**Reconstruction of Sunset Park North Section of Brooklyn Waterfront Greenway**  
**Brooklyn, NY 11232**

Sample ID		EPA Hazardous Waste Limits	SB-10 25E1087-01 5/15/2025 Soil		SB-11 25E1087-02 5/15/2025 Soil		SB-12 25E1087-03 5/15/2025 Soil		SB-13 25E1087-04 5/15/2025 Soil		SB-14 25E1087-05 5/15/2025 Soil	
York ID	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Sampling Date			Compound	mg/L		mg/L		mg/L		mg/L		mg/L
<b>Client Matrix</b>												
<b>Metals, TCLP RCRA</b>			mg/L									
<b>Dilution Factor</b>			1			1		1		1		1
Arsenic	7440-38-2	5	0.375	U	0.375	U	0.375	U	0.375	U	0.375	U
Barium	7440-39-3	100	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U
Cadmium	7440-43-9	1	0.0750	U	0.0750	U	0.0750	U	0.0750	U	0.0750	U
Chromium	7440-47-3	5	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U
Lead	7439-92-1	5	1.220		<b>19</b>		0.125	U	0.128		0.125	U
Selenium	7782-49-2	1	0.625	U	0.625	U	0.625	U	0.625	U	0.625	U
Silver	7440-22-4	5	0.125	U	0.125	U	0.125	U	0.125	U	0.125	U
<b>Mercury, TCLP</b>			mg/L									
<b>Dilution Factor</b>			1			1		1		1		1
Mercury	7439-97-6	0.2	0.00020		0.00020		0.00020		0.00020		0.00020	
<b>Corrosivity (pH) by SM 4500/EPA 9045D</b>			pH units									
<b>Dilution Factor</b>			1			1		1		1		1
pH	pH	~	9.380		8.010		9.610		7.360		11.800	
<b>Ignitability</b>			None									
<b>Dilution Factor</b>			1			1		1		1		1
Ignitability	IGNITB	~	Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.	
<b>Reactivity-Cyanide</b>			mg/kg									
<b>Dilution Factor</b>			1			1		1		1		1
Reactivity - Cyanide	CREAC	~	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U
<b>Reactivity-Sulfide</b>			mg/kg									
<b>Dilution Factor</b>			1			1		1		1		1
Reactivity - Sulfide	SREAC	~	16		16		15	U	15	U	15	U
<b>HERB, TCLP MASTER</b>			mg/L									
<b>Dilution Factor</b>			1			1		1		1		1
2,4,5-TP (Silvex)	93-72-1	1	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U
2,4-D	94-75-7	10	0.00500	U	0.00500	U	0.00500	U	0.00500	U	0.00500	U

Bold = compound detected above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives  
Yellow= compound detected above NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential  
Orange = compound detected above NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Commercial  
Q is the Qualifier Column with definitions as follows:  
D=result is from an analysis that required a dilution  
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated  
U=analyte not detected at or above the level indicated  
B=analyte found in the analysis batch blank  
E=result is estimated and cannot be accurately reported due to levels encountered or interferences  
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis  
NT=this indicates the analyte was not a target for this sample  
~=this indicates that no regulatory limit has been established for this analyte

**TABLE 5**  
**Groundwater Analytical Results (NYSDEC Groundwater Quality Standards (GWQS))**

**AOC Name**  
**Site Name**  
**Site Address**

**Not Applicable**

**TABLE 6**  
**Groundwater Analytical Results (NYCDEP Sewer Effluent Limitations)**

**AOC Name**  
**Site Name**  
**Site Address**

**Not Applicable**

**Appendix A**  
**Historic Site Investigation Documents**

**SPECIFICATIONS FOR  
HANDLING, TRANSPORTATION, AND DISPOSAL  
OF POTENTIAL AND IDENTIFIED  
CONTAMINATED AND HAZARDOUS MATERIALS**

**NEW COMBINED SEWERS AND WATER MAIN IN 29<sup>TH</sup> STREET AND 2<sup>ND</sup> AVENUE BETWEEN  
29<sup>TH</sup> AND 37<sup>TH</sup> STREETS**

**BOROUGH OF BROOKLYN  
CITY OF NEW YORK**

**Capital Project ID: SAND1048**

**Prepared By:**



30-30 Thomson Avenue  
Long Island City, New York 11101

January 23, 2024



**ATTACHMENT 4: PHASE II SUBSURFACE CORRIDOR INVESTIGATION REPORT**

- Final -

**Phase II Subsurface Corridor Investigation Report**  
**For**  
**Sunset Park North Section of the Brooklyn Waterfront Greenway**  
**Brooklyn, New York**

DDC PROJECT NO. SAND1048  
WORK ORDER NO. 15626-LIRO-3-R-15333  
CONTRACT REGISTRATION NO. 20181405131

Prepared for:



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October 15, 2019

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## EXECUTIVE SUMMARY

On behalf of the New York City Department of Design and Construction (DDC), LiRo Engineers, Inc. (LiRo) conducted a Phase II Subsurface Corridor Investigation (SCI) of the SAND1048 Corridor located mainly along Second Avenue between 29<sup>th</sup> Street and 39<sup>th</sup> Street in the Sunset Park neighborhood of Brooklyn, New York (hereinafter referred to as the “Corridor”) to determine if the Corridor’s environmental condition might impact proposed construction activities. The proposed construction activities for the Corridor consists of roadway reconstruction, drainage improvements, watermain replacements and the installation of landscaping.

The Corridor is approximately 3,419 - foot long and consists of the following street segments.

Street Segment	Length (feet)
Second Avenue from 29 <sup>th</sup> Street to 39 <sup>th</sup> Street	2,430
29 <sup>th</sup> Street between Second Avenue and Third Avenue	780
36 <sup>th</sup> Street from Second Ave to 209 feet southeast of Second Avenue	209

The proposed depth of excavation for this DDC infrastructure project is estimated to range from 5.0 to 10.0 feet below grade (ftbg), and mostly at 6.0 ftbg. Based on the review of available information provided by the DDC and discussions with the DDC Project Manager, LiRo proposed the advancement of seven soil borings and one temporary well point (TWP) along the Corridor to characterize soil and groundwater (if observed) that may be encountered during construction and to assess the presence of subsurface contamination that might impact proposed construction activities.

The Phase II SCI was completed on August 19, 2019 and consisted of the following components:

- The advancement of seven soil borings to a terminal depth of approximately 10.0 ftbg and the field screening of soil samples, including photo-ionization detector (PID) readings and visual and olfactory indicators of contamination (staining, odors);
- The collection of seven grab soil samples which were analyzed for United States Environmental Protection Agency (USEPA) Target Compound List (TCL) volatile organic compounds (VOCs);
- The collection of seven composite soil samples which were analyzed for: Polycyclic Aromatic Hydrocarbons (PAHs); Polychlorinated Biphenyls (PCBs); Total Petroleum Hydrocarbon Diesel Range Organics/Gasoline Range Organics (TPHC DRO/GRO); Resource Conservation and Recovery Act (RCRA) Characteristics; and, Toxicity Characteristic Leaching Procedure (TCLP) RCRA Metals;
- Groundwater was encountered within the Corridor; however, soil in the saturated zone consisted of tight silts, which did not produce sufficient water to collect a sample. Therefore, no TWPs were installed and no groundwater samples were collected; and,
- The preparation of this report, which includes tables summarizing the laboratory analytical results and figures depicting boring locations, significant site features and, if applicable, contamination occurrence and distribution.

In order to evaluate the subsurface soil, laboratory analytical results were compared with the regulatory standards identified in: (1) New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6: Remedial Program Restricted Use Commercial (Track 2) Soil Cleanup Objectives (SCOs); and/or, (2) Toxicity Characteristic Regulatory Levels for Hazardous Waste published in RCRA and Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 371.

Based on the evaluation of the field screening data and the laboratory analytical results, and a comparison to applicable regulatory standards, the following findings, conclusions, and recommendations are presented:

### Findings

- The subsurface soils encountered during this Phase II SCI consisted predominantly of red brown to brown black fine to coarse sand with some gravel and silt from grade to approximately 9.0 ftbg. Silt with some sand and gravel was also noted within SB-01, SB-02, SB-03, and SB-04 from 9.0 to 10.0 ftbg. Man-made materials (brick) and re-worked gravel, sand, and silt, which is indicative of urban fill, was encountered within all borings from 1.0 to 2.0 ftbg. Groundwater was encountered between 8.0 and 10.0 ftbg. Bedrock was not encountered during the Phase II SCI.
- Field screening (i.e., PID readings, visual, and olfactory observations) did not identify impacted soils in borings SB-01, SB-02, SB-03, SB-06, and SB-07; however, PID readings of 5.0 parts per million (ppm) were detected within SB-04 and SB-05 along with slight petroleum odors.
- VOCs were detected in four of the seven grab samples collected. Acetone and/or Methyl Ethyl Ketone/2-Butanone were detected at concentrations below the Part 375 Restricted Use – Commercial SCOs in samples SB-03 - 8.0 - 8.5, SB-04 - 7.5 - 8.0, SB-05 - 9.2 - 9.7, and/or SB-06 - 7.5 - 8.0. Acetone is a common laboratory cross contaminant and is most likely not representative of subsurface conditions. Carbon disulfide, cyclohexane, and methylcyclohexane were also detected; however, there are no corresponding Part 375 Restricted Use – Commercial SCOs for these parameters.
- PAHs were detected in all seven composite samples collected. Benzo(a)pyrene was detected within SB-03 - COMP, SB-06 - COMP, and SB-07 - COMP at concentrations exceeding the corresponding Part 375 Restricted Use – Commercial SCO. Acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene were also detected within one of more of the seven composite samples at concentrations below their corresponding Part 375 Restricted Use – Commercial SCOs. The detected PAHs may be attributed to: (a) residuals from isolated releases in the area of the Corridor; and/or, (b) the presence of fill material placed at the Corridor.
- PCBs were detected in four of the seven composite samples collected. Aroclor 1254 and/or Aroclor 1260 were detected at concentrations below the Part 375 Restricted Use – Commercial SCOs in SB-01 - COMPRE, SB-02 - COMPRE, SB-03 - COMPRE, and SB-07 - COMPRE. (Note that “RE” is added to the end of the sample identification by the laboratory in cases where the laboratory needs to re-analyze the samples because the initial analysis did not conform to analytical method quality control criteria).

- TCLP RCRA metals were detected in all seven composite samples collected. Arsenic, barium, cadmium, chromium, lead, and/or selenium were detected at concentrations below their corresponding 6 NYCRR Part 371 and RCRA standards. Based on their consistency, most of the detected concentrations are attributed to background levels. However, the detected concentrations for arsenic may be attributed to contaminants in fill material placed throughout the Corridor.
- Ignitability (flash point), reactivity (cyanide and sulfide), and corrosivity (pH) were within the acceptable RCRA ranges. TPHC-DRO was detected in all seven composite samples at concentrations ranging from approximately 27.2 milligrams per kilograms (mg/kg) within SB-01 - COMP to 195 mg/kg within SB-02 - COMP. TPHC-GRO was detected in five of the seven composite samples at concentrations ranging from 0.017 mg/kg within SB-04 - COMP to 0.036 mg/kg within SB-02 - COMP. There are no regulatory standards for TPHC-DRO and TPHC-GRO. Analytical results will need to be compared to levels acceptable by the chosen receiving facility to determine appropriate waste characterization prior to off-site disposal.

### Conclusions

- Field screening (i.e., PID readings, visual, and olfactory observations) generally did not identify impacted soils within the Corridor in borings SB-01, SB-02, SB-03, SB-06, and SB-07; however, PID readings of 5.0 ppm were detected within SB-04 and SB-05 along with slight petroleum odors;
- Laboratory analytical results identified petroleum-impacted soils within portions of the Corridor. The presence of elevated concentrations of petroleum components (i.e., PAHs and DRO/GRO) in subsurface soils in the Corridor is attributed primarily to: (a) residuals from releases of petroleum products in the vicinity of the Corridor; and, (b) contaminants in fill material placed on the Corridor;
- The subsurface soil samples collected from the Corridor did not exhibit hazardous waste characteristics; and,
- Groundwater was encountered within the Corridor; however, soil in the saturated zone consisted of tight silts and did not produce sufficient water to collect a sample. Therefore, no TWP's were installed and no groundwater samples were collected.

### Recommendations

- The Contract documents should identify provisions and a contingency for managing, handling, transporting and disposing of non-hazardous, contaminated soil. The Contractor should submit a Material Handling Plan to identify the specific protocols and procedures that will be employed to manage potentially contaminated waste, if encountered, during construction in accordance with applicable regulations;
- Due to the presence of PAHs and DRO/GRO in the investigated sites, especially if contaminated or hazardous soil is encountered, a Community Air Monitoring Plan (CAMP) is required to minimize the creation and dispersion of fugitive airborne dust. The Contractor may implement dust control measures to minimize potential airborne contaminants released as a direct result of construction activities. A CAMP shall be developed in accordance with NYSDEC DER-10 Regulations. The CAMP requires real-time monitoring for VOCs and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP

is intended to provide a measure of protection for the downwind community from potential airborne contaminant releases as a direct result of investigative and remedial work activities;

- Should dewatering become necessary during construction activities within the Corridor, the Contractor will be required to obtain NYCDEP sewer discharge permit. Additional sampling and laboratory analysis may be required to satisfy NYCDEP sewer discharge permit requirements prior to discharge into storm sewers;
- If discharge into storm sewers is required during dewatering, it may be done under the appropriate NYSDEC State Pollutant Discharge Elimination System (SPDES) permit. Additional sampling and laboratory analysis may be required to satisfy NYSDEC requirements prior to discharge into storm sewers; and,
- Before beginning any excavation activity, the Contractor should submit a Corridor-specific health and safety plan (HASP) that will meet the requirements set forth by the Occupational, Safety and Health Administration (OSHA), the New York State Department of Health (NYSDOH) and any other applicable regulations. The HASP should identify the possible locations and risks associated with the potential contaminants that may be encountered, and the administrative and engineering controls that will be utilized to mitigate concerns (i.e., dust control procedures for PAHs and DRO/GRO).



## 1.0 INTRODUCTION

On behalf of the New York City Department of Design and Construction (DDC), LiRo Engineers, Inc. (LiRo) conducted a Phase II Subsurface Corridor Investigation (Phase II SCI) of the SAND1048 Corridor located mainly along Second Avenue between 29<sup>th</sup> Street and 39<sup>th</sup> Street in the Sunset Park neighborhood of Brooklyn, New York (hereinafter referred to as the “Corridor”) to determine if the Corridor’s environmental condition might impact proposed construction activities. The proposed construction activities for the Corridor consists of water main work and combined sewers in the Brooklyn Waterfront Greenway.

The Corridor is approximately 3,419 - foot long and consists of the following street segments.

Street Segment	Length (feet)
Second Avenue from 29 <sup>th</sup> Street to 39 <sup>th</sup> Street	2,430
29 <sup>th</sup> Street between Second Avenue and Third Avenue	780
36 <sup>th</sup> Street from Second Ave to 209 feet southeast of Second Avenue	209

### 1.1 Scope of Work

The Phase II SCI consisted of a field investigation, laboratory analyses, and the preparation of this report, which includes tables summarizing the laboratory analytical results and figures depicting boring locations, significant site features and, if applicable, contamination occurrences and distribution. Drilling activities for the field investigation were performed by AARCO Environmental Services Corporation (AARCO) of Lindenhurst, New York. Oversight of drilling activities was performed by Scott Swanson of LiRo. Laboratory analyses were provided by Chemtech of Mountainside, New Jersey, a NYS Department of Health (NYSDOH) approved laboratory (No. 11376). Field derived Quality Assurance/Quality Control (QA/QC) samples (i.e., field blanks, trip blanks, duplicates) were not collected for this project. The field investigation was conducted on August 19, 2019 and consisted of the following components.

- The advancement of seven borings (SB-01 through SB-07) to terminal depths of 10.0 ftbg.
- The borings were advanced using a GeoProbe direct push drill rig. Prior to direct push advancement, borings were cleared to a depth of 6.0 feet using a hand auger. Soil samples were collected using 5.0 - foot long, 2.0 - inch diameter Macro Core stainless steel samplers equipped with polyvinyl chloride (PVC) liners. In addition, a Health and Safety Plan was prepared by AARCO prior to commencing field work.
- Field screening, classification, and identification of soils was conducted from the ground surface to the bottom of each boring. Soil samples were visually classified in the field using the Unified Soil Classification System (USCS). Field screening consisted of visual and olfactory indicators of impacts as well as screening with a photoionization detector (PID).
- The collection of one composite and one grab sample from each of the seven soil boring locations (SB-01 through SB-07). The composite samples were comprised of soil from the entire boring column. The grab samples were collected from the 6.0 - inch interval exhibiting evidence of petroleum impacts (highest PID reading) (i.e., SB-04 and SB-05), from the bottom 6.0 - inch interval

in the boring (i.e., SB-02 and SB-07), or from the 6.0 - inch interval above the groundwater table (i.e., SB-01, SB-03, and SB-06).

- Laboratory analysis of the composite samples for: (1) Polycyclic Aromatic Hydrocarbons (PAHs) via United States Environmental Protection Agency (USEPA) Method 8270D; (2) Polychlorinated Biphenyls (PCBs) via USEPA Method 3550B/8082; (3) Total Petroleum Hydrocarbon Diesel Range Organics/Gasoline Range Organics (TPHC DRO/GRO) via USEPA Method 8015B; (4) Resource Conservation and Recovery Act (RCRA) Characteristics via USEPA SW-846; and, (5) Toxicity Characteristic Leaching Procedure (TCLP) RCRA Metals via USEPA SW-846.
- Laboratory analysis of the grab samples for TCL volatile organic compounds (VOCs) by USEPA Method 8260C.
- Groundwater was encountered within the Corridor; however, soil in the saturated zone consisted of tight silts and did not produce sufficient water to collect a sample. Therefore, no TWP's were installed and no groundwater samples were collected.

## **2.0 CORRIDOR INFORMATION**

### **2.1 Corridor Location, Description and Use**

The Corridor is approximately 3,419 - foot long and is located in the Sunset Park section of the Borough of Brooklyn, New York. The Corridor consists of Second Avenue between 29<sup>th</sup> and 39<sup>th</sup> Streets, 29<sup>th</sup> Street between Second Avenue and Third Avenue, and 36<sup>th</sup> Street from Second Avenue to approximately 209 feet southeast. The Corridor is developed with paved roadways and existing infrastructure systems.

Property usage adjoining the Corridor during the inspection consists primarily of commercial warehouses (i.e., Liberty View Industrial Plaza, Maximum Self Storage, Industrial City Warehousing and Office Complex, restaurants, and Costco), the MDC Federal Prison, and residences. Based on observations made during the field work, no properties of potential environmental concern were noted. A map of the Corridor area is presented as Figure 2.

### **2.2 Description of Surrounding Properties**

Property usage surrounding the Corridor is primarily comprised of various commercial and residential properties. Properties of potential environmental concern noted in the area, but off of the Corridor, include the NYC Transit Track Yard, a Shell Gas Station, a Gulf Gas Station, A1 Truck Repair, and a large post office.

### **2.3 Corridor and Regional Topographic Setting**

Based on a review of the *United States Geological Survey (USGS.) 7.5 - Minute Quadrangle Map, Jersey City, NJ, dated 2018*, the elevation of the Corridor ranges from approximately 5.0 feet above mean sea level (amsl) at the most western portion of the Corridor to approximately 10.0 feet amsl at the most eastern and southern portions. The topography of the immediate Corridor area is gently sloping to the northwest. A copy of the USGS National Map is presented in Figure 1.

### **2.4 Corridor and Regional Geology**

Based on the *Geologic Map of New York State (Lower Hudson Sheet dated 1970)*, the area is underlain by Glacial and Alluvial Deposits. Based on the *Surficial Geologic Map of New York (Lower Hudson Sheet dated 1989)*, the area is underlain by till.

The Corridor is located within the Atlantic Coastal Plain Physiographic Province which is characterized by flat to gently undulating plains of unconsolidated sedimentary deposits. The Corridor is located within the southern portion of the Wisconsin glaciation of the New York/New England region.

The subsurface soils encountered during this Phase II SCI consisted predominantly of red brown to brown black fine to coarse sand with some gravel and silt from grade to approximately 9.0 ftbg. Silt with some sand and gravel was also noted within SB-01, SB-02, SB-03, and SB-04 from 9.0 to 10.0 ftbg. Man-made materials (brick) and re-worked gravel, sand, and silt, which is indicative of urban fill, was encountered within all borings from 1.0 to 2.0 ftbg. Groundwater was encountered between 8.0 and 10.0 ftbg. Bedrock was not encountered during the Phase II SCI.

Based on the information supplied by the National Wetland Inventory and NYSDEC Wetland Inventory, the Corridor does not fall within a state or national wetland area. The nearest national wetland is located approximately 160 feet north of the Corridor and is identified as E1UBLx (Estuarine Subtidal Unconsolidated Bottom Subtidal Excavated). The closest NYSDEC regulated mapped freshwater wetland is located over 4.0 miles southwest of the Corridor.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) were accessed from the FEMA website. Map panel (Panel No. 3604970192FF, effective date 9/5/07) shows that the majority of the Corridor is located in “Flood Zone AE (EL 10’)”. Portions of the Corridor are also located in “Flood Zone X, an area of minimal flood hazard” and “Zone X, 0.2 percent annual chance flood hazard.”

## **2.5 Corridor and Regional Hydrogeology**

The first unconfined aquifer encountered is the upper glacial aquifer. According to Groundwater Resources of Kings and Queens Counties, Long Island, New York, dated 1999, groundwater was anticipated to be present at a depth of approximately 5.0 ftbg; however during the Phase II SCI groundwater was encountered between 8.0 and 10.0 ftbg at all seven borings. The nearest surface water body to the Corridor is Gowanus Bay which is located approximately 160 feet north of the Corridor. Based on the location and proximity of Gowanus Bay, groundwater is anticipated to flow towards the northwest. Groundwater can also be influenced by seasonal fluctuations in precipitation, local variations in geology, topography, tidal variations in Gowanus Bay, underground anthropogenic structures, and/or local dewatering operations.

### 3.0 CORRIDOR EVALUATION

LiRo provided oversight for the advancement of seven soil borings and the collection of soil samples during the field investigation at the designated areas of the planned construction. The soil samples from the borings were transferred into laboratory supplied sample jars, properly labeled, and stored in a cooler with ice to preserve the samples at 4° Celsius prior to and during shipment. A chain-of-custody was prepared prior to sample shipment. A summary of the field observations, including the location of the sites and the details of the soil borings, is provided in Table 1.

#### 3.1 Soil Quality Investigation

Seven borings (SB-01 through SB-07) were advanced to a terminal depth of 10.0 ftbg using a GeoProbe direct push drill rig. Prior to direct push advancement, borings were cleared to a depth of 6.0 ftbg using a hand auger. Soil samples were collected using 5.0 - foot long, 2.0 - inch diameter Macro Core stainless steel samplers equipped with polyvinyl chloride (PVC) liners. Soil boring locations are shown on Figure 2. The designations and sampling intervals for the samples that were submitted to the laboratory are included in Table 1. Maps depicting each boring location are included in Appendix A. Boring logs are provided in Appendix B. The locations of each boring are described below:

- **SB-01** – Advanced in the sidewalk along the east side of Second Avenue, approximately 32 feet northeast of the 39<sup>th</sup> Street curb line and 5.0 feet southeast of the Second Avenue curb line.
- **SB-02** – Advanced in the sidewalk along the west side of Second Avenue, 107 feet northeast of the parking lot entrance across from 36<sup>th</sup> Street and 3.0 feet northwest of the Second Avenue curb line.
- **SB-03** – Advanced in the sidewalk along the west side of Second Avenue, 28 feet southwest of the northern 34<sup>th</sup> Street curb line and 4.0 feet northwest of the Second Avenue curb line.
- **SB-04** – Advanced in the sidewalk along the west side of Second Avenue, 28 feet southwest of 32<sup>nd</sup> Street curb line and 3.0 feet northwest of Second Avenue curb line.
- **SB-05** – Advanced in the sidewalk along the west side of Second Avenue, approximately 95 feet southwest of the southern 30<sup>th</sup> Street curb line and 4.5 feet southwest of the Second Avenue curb line.
- **SB-06** – Advanced in the sidewalk along the west side of Second Avenue, 11.5 feet northeast of the 29<sup>th</sup> Street curb line and 8.5 feet northwest of the Second Avenue curb line.
- **SB-07** – Advanced in the sidewalk along the north side of 29<sup>th</sup> Street, 14 feet west of the Third Avenue curb line and 15 feet north of the 29<sup>th</sup> Street curb line.

Soil from each boring was classified and examined for visual evidence (i.e., staining, discoloration) and any olfactory indications (i.e., odors) of contamination. Continuous soil samples were collected from each of the borings at 5.0 - foot intervals. In addition, a PID was used to screen the soil for VOC vapors. All re-useable sampling equipment was decontaminated using a deionized water and Alconox soap wash and then rinsed with deionized water.

In order to identify representative conditions relative to the presence of PAHs, PCBs, TPHC DRO/GRO, RCRA Characteristics, and TCLP RCRA metals over the entire soil column in each boring, composite soil samples were collected by mixing the soil from the entire column in a stainless steel bowl. Boring composite samples were collected from all seven soil borings.

In order to identify representative conditions relative to the presence of VOCs, grab samples were collected from the 6.0 - inch interval exhibiting evidence of petroleum impacts (highest PID reading) (i.e., SB-04 and SB-05), from the bottom 6.0 - inch interval in the boring (i.e., SB-02 and SB-07), or from the 6.0 - inch interval above the groundwater table (i.e., SB-01, SB-03, and SB-06).

### **3.2 Groundwater Quality Investigation**

Groundwater was encountered within the Corridor; however, soil in the saturated zone consisted of tight silts and did not produce sufficient water to collect a sample. Therefore, no TWPs were installed and no groundwater samples were collected.

### **3.3 Laboratory Analyses**

The soil samples were submitted to Chemtech, a NYSDOH approved laboratory (No. 11376). Field derived QA/QC samples (i.e., field blank, trip blank, duplicate) were not collected for this project. Laboratory analytical reports are included in Appendix C.

The grab soil samples were analyzed for USEPA TCL VOCs by Method 8260C. The boring composite soil samples were analyzed for: (1) PAHs via USEPA Method 8270D; (2) PCBs via USEPA Method 3550B/8082; (3) TPHC DRO/GRO via USEPA Method 8015B; (4) RCRA Characteristics via USEPA SW-846; and, (5) TCLP RCRA Metals via USEPA SW-846.

### **3.4 Data Evaluation**

In order to evaluate the subsurface soil quality, the laboratory analytical results of the grab and composite soil samples were compared with the regulatory standards identified in: (1) NYSDEC Subpart 375-6: Remedial Program Restricted Use Commercial (Track 2) SCOs; and/or, (2) Toxicity Characteristic Regulatory Levels for Hazardous Waste published in RCRA and Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 371.

## 4.0 FINDINGS

This section discusses the analytical data and findings for the activities discussed in Section 3.0.

### 4.1 Field Screening

Field screening (i.e., PID readings, visual, and olfactory observations) did not identify impacted soils in borings SB-01, SB-02, SB-03, SB-06, and SB-07; however, PID readings of 5.0 parts per million (ppm) were detected in SB-04 and SB-05 along with slight petroleum odors. Refer to Table 1 for a summary of environmental boring data.

### 4.2 Soil and Groundwater Laboratory Analytical Results

#### 4.2.1 Volatile Organic Compounds (VOCs) in Soil

VOCs were detected in four of the seven grab samples collected. Acetone and/or Methyl Ethyl Ketone/2-Butanone were detected at concentrations below the Part 375 Restricted Use – Commercial SCOs in samples SB-03 - 8.0 - 8.5, SB-04 - 7.5 - 8.0, SB-05 - 9.2 - 9.7, and/or SB-06 - 7.5 - 8.0. Acetone is a common laboratory cross contaminant and is most likely not representative of subsurface conditions. Carbon disulfide, cyclohexane, and methylcyclohexane were also detected; however, there are no corresponding Part 375 Restricted Use – Commercial SCOs for these parameters. Refer to Table 2 for a summary of TCL VOC detections.

#### 4.2.2 Polycyclic Aromatic Hydrocarbons (PAHs) in Soil

PAHs were detected in all seven composite samples collected. Benzo(a)pyrene was detected in SB-03 - COMP, SB-06 - COMP, and SB-07 - COMP at concentrations exceeding the corresponding Part 375 Restricted Use – Commercial SCO. Acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo[a,h]anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene were also detected in one or more of the seven composite samples at concentrations below their corresponding Part 375 Restricted Use – Commercial SCOs. The detected PAHs may be attributed to: (a) residuals from isolated releases in the area of the Corridor; and/or, (b) the presence of fill material placed at the Corridor. Refer to Table 3 for a summary of PAH detections.

#### 4.2.3 Polychlorinated Biphenyls (PCBs) in Soil

PCBs were detected in four of the seven composite samples collected. Aroclor 1254 and/or Aroclor 1260 were detected at concentrations below the Part 375 Restricted Use – Commercial SCOs in SB-01 - COMPRE, SB-02 - COMPRE, SB-03 - COMPRE, and SB-07 - COMPRE. Note that “RE” is added to the end of the sample identification by the laboratory in cases where the laboratory needs to re-analyze the sample because the initial analysis did not conform to analytical method quality control criteria. Refer to Table 4 for a summary of the PCB detections.

#### ***4.2.4 Toxicity Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) Metals in Soil***

TCLP RCRA metals were detected in all seven composite samples collected. Arsenic, barium, cadmium, chromium, lead, and/or selenium were detected at concentrations below their corresponding 6 NYCRR Part 371 and RCRA standards. Based on their consistency, most of the detected concentrations are attributed to background levels. However, the detected concentrations for arsenic may be attributed to contaminants in fill material placed throughout the Corridor. Refer to Table 5 for a summary of TCLP RCRA metals detections.

#### ***4.2.5 Waste Characterization of Soil***

Ignitability (flash point), reactivity (cyanide and sulfide), and corrosivity (pH) were within the acceptable RCRA ranges. TPHC-DRO was detected in all seven composite samples at concentrations ranging from approximately 27.2 milligrams per kilograms (mg/kg) in SB-01 - COMP to 195 mg/kg in SB-02 - COMP. TPHC-GRO was detected in five of the seven composite samples at concentrations ranging from 0.017 mg/kg in SB-04 - COMP to 0.036 mg/kg in SB-02 - COMP. There are no regulatory standards for TPHC-DRO and TPHC-GRO. Analytical results will need to be compared to levels acceptable by the chosen receiving facility to determine appropriate waste characterization prior to off-site disposal. Refer to Table 5 for a summary of TCLP parameters, RCRA Characteristics, and TPHC DRO/GRO results.

#### ***4.2.6 Analysis of NYCDEP Parameters in Groundwater***

Groundwater was encountered within the Corridor; however, soil in the saturated zone consisted of tight silts and did not produce sufficient water to collect a sample. Therefore, no TWPs were installed and no groundwater samples were collected.



## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the evaluation of the field screening data, the laboratory analytical results, and a comparison to applicable regulatory standards, the following conclusions and recommendations are presented:

### Conclusions

Field screening (i.e., PID readings and visual and olfactory observations) generally did not identify impacted in borings SB-01, SB-02, SB-03, SB-06, and SB-07; however, PID readings of 5.0 ppm were detected in SB-04 and SB-05 along with slight petroleum odors;

- Laboratory analytical results identified petroleum-impacted soils within portion(s) of the Corridor. The presence of elevated concentrations of petroleum components (i.e., PAHs and DRO/GRO) in subsurface soils in the Corridor is attributed primarily to: (a) residuals from releases of petroleum products in the vicinity of the Corridor; and, (b) contaminants in fill material placed on the Corridor;
- The subsurface soil samples collected from the Corridor did not exhibit hazardous waste characteristics; and,
- Groundwater was encountered within the Corridor; however, the saturated soil consisted of tight silts and did not produce sufficient water to collect a sample. Therefore, no TWP's were installed and no groundwater samples were collected.

### Recommendations

- The Contract documents should identify provisions and a contingency for managing, handling, transporting and disposing of non-hazardous, contaminated soil. The Contractor should submit a Material Handling Plan to identify the specific protocols and procedures that will be employed to manage potentially contaminated waste, if encountered, during construction, in accordance with applicable regulations;
- Due to the presence of SVOC and DRO/GRO in the investigated sites, especially if contaminated or hazardous soil is encountered, a Community Air Monitoring Plan (CAMP) is required to minimize the creation and dispersion of fugitive airborne dust. The Contractor may implement dust control measures to minimize potential airborne contaminants released as a direct result of construction activities. A CAMP shall be developed in accordance with NYSDEC DER-10 Regulations. The CAMP requires real-time monitoring for VOCs and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is intended to provide a measure of protection for the downwind community from potential airborne contaminant releases as a direct result of investigative and remedial work activities;
- Should dewatering become necessary during construction activities within the Corridor, the Contractor will be required to obtain NYCDEP sewer discharge permit. Additional sampling and laboratory analysis may be required to satisfy NYCDEP sewer discharge permit requirements prior to discharge into storm sewers;

- If discharge into storm sewers is required during dewatering, it may be done under the appropriate NYSDEC State Pollutant Discharge Elimination System (SPDES) permit. Additional sampling and laboratory analysis may be required to satisfy NYSDEC requirements prior to discharge into storm sewers; and,
- Before beginning any excavation activity, the Contractor should submit a Corridor-specific health and safety plan (HASP) that will meet the requirements set forth by the Occupational, Safety and Health Administration (OSHA), the New York State Department of Health (NYSDOH) and any other applicable regulations. The HASP should identify the possible locations and risks associated with the potential contaminants that may be encountered, and the administrative and engineering controls that will be utilized to mitigate concerns (i.e., dust control procedures for SVOCs and DRO/GRO).

## 6.0 STATEMENT OF LIMITATIONS

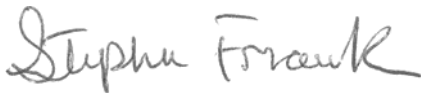
The data presented and the opinions expressed in this report are qualified as stated in the attachment to this section of the report.

Report Prepared By:



Amy Hewson  
Senior Environmental Analyst

Report Reviewed By:



Stephen Frank  
Senior Geologist

Report Reviewed By:



Robert Kreuzer  
Project Manager

## STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

The sole purpose of the investigation and of this report is to assess the physical characteristics of the Corridor with respect to the presence or absence in the environment of oil or hazardous materials and substances as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the Corridor.

LiRo derived the data in this report primarily from visual inspections, examination of records in the public domain, interviews with individuals with information about the Corridor, and a limited number of subsurface explorations made on the dates indicated. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Corridor, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

In preparing this report, LiRo has relied upon and presumed accurate certain information (or the absence thereof) about the Corridor and adjacent properties provided by governmental officials and agencies, the Client, and others identified herein. Except as otherwise stated in the report, LiRo has not attempted to verify the accuracy or completeness of any such information.

The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of subsurface exploration and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Corridor.

Because of the limitations stated above, the findings, observations, and conclusions expressed by LiRo in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the Corridor with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon Corridor conditions in existence at the time of investigation.

This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

**TABLES**

**TABLE 1 – SUMMARY OF ENVIRONMENTAL BORING DATA**

**TABLE 2 – SUMMARY OF TCL VOCs DETECTED IN SOIL**

**TABLE 3 – SUMMARY OF PAHs DETECTED IN SOIL**

**TABLE 4 – SUMMARY OF PCBs DETECTED IN SOIL**

**TABLE 5 – SUMMARY OF WASTE CHARACTERIZATION IN SOIL**

**Table 1. Summary of Environmental Boring Data  
Phase II Environmental Site Assessment**

Boring No.	Sample ID	PID (ppm)	Sample Interval (ftbg)	Total VOCs (ug/kg)	Total PAHs (ug/kg)	Total PCBs (ug/kg)	Depth to Water (ftbg)	Total Depth (ftbg)	Other Comments
SB-01	SB-01 - 9.0 - 9.5	0.0	9.0 - 9.5	ND	NA	NA	9.5	10.0	No petroleum odors, visual evidence of impact, or elevated PID readings were detected.
	SB-01 - COMP		0.0 - 9.5	NA	1,152	23.0			
SB-02	SB-02 - 9.5 - 10.0	0.0	9.5 - 10.0	ND	NA	NA	10.0	10.0	No petroleum odors, visual evidence of impact, or elevated PID readings were detected.
	SB-02 - COMP		0.0 - 9.5	NA	3,160	82.0			
SB-03	SB-03 - 8.0 - 8.5	0.0	8.0 - 8.5	32.7	NA	NA	8.5	10.0	No petroleum odors, visual evidence of impact, or elevated PID readings were detected.
	SB-03 - COMP		0.0 - 8.0	NA	24,090	19.0			
SB-04	SB-04 - 7.5 - 8.0	5.0	7.5 - 8.0	57.5	NA	NA	8.0	10.0	Slight petroleum odor. No visual evidence of impact.
	SB-04 - COMP		0.0 - 7.5	NA	380	ND			
SB-05	SB-05 - 9.2 - 9.7	5.0	9.2 - 9.7	62.3	NA	NA	10.0	10.0	Slight petroleum odor. No visual evidence of impact.
	SB-05 - COMP		0.0 - 9.2	NA	3,020	ND			
SB-06	SB-06 - 7.5 - 8.0	0.0	7.5 - 8.0	28.2	NA	NA	8.0	10.0	No petroleum odors, visual evidence or impact, or elevated PID readings were detected.
	SB-06 - COMP		0.0 - 7.5	NA	18,110	ND			
SB-07	SB-07 - 9.0 - 10.0	0.0	9.0 - 10.0	ND	NA	NA	10.0	10.0	No petroleum odors, visual evidence or impact, or elevated PID readings were detected.
	SB-07 - COMP		0.0 - 9.0	NA	20,310	24.0			

**Notes:**

All grab samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs). All composite soil samples were analyzed for Polycyclic Aromatic Hydrocarbons (PAHs), TCL Polychlorinated Biphenyls (PCBs), Total Petroleum Hydrocarbon (TPHC) Diesel Range Organics/Gasoline Range Organics (TPHC DRO/GRO), Resource Conservation and Recovery Act (RCRA) Characteristics, and Toxicity Characteristic Leaching Procedure (TCLP) RCRA Metals.

NA = Not Analyzed/Not Applicable

ND = Non detect

ftbg = feet below grade surface

PID = photo-ionization detector

ppm = parts per million (or mg/kg)

ug/kg = microgram per kilogram

**Table 2. Summary of Target Compound List (TCL) Volatile Organic Compounds (VOCs) Detected in Soil  
Phase II Environmental Site Assessment**

TCL VOC	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID, Date Collected, and Depth (ftbg)						
		SB-01 - 9.0 - 9.5	SB-02 - 9.5 - 10.0	SB-03 - 8.0 - 8.5	SB-04 - 7.5 - 8.0	SB-05 - 9.2 - 9.7	SB-06 - 7.5 - 8.0	SB-07 - 9.0 - 10.0
		8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019
		9.0 - 9.5	9.5 - 10.0	8.0 - 8.5	7.5 - 8.0	9.2 - 9.7	7.5 - 8.0	9.0 - 10.0
Acetone	500,000	ND	ND	25.0 J	42	48	24.0 J	ND
Carbon Disulfide	NS	ND	ND	ND	4.5 J	1.3 J	4.2 J	ND
Cyclohexane	NS	ND	ND	3.7 J	ND	ND	ND	ND
Methyl Ethyl Ketone / 2-Butanone	500,000	ND	ND	ND	11.0 J	13.0 J	ND	ND
Methylcyclohexane	NS	ND	ND	4.0 J	ND	ND	ND	ND
Total VOCs	NS	ND	ND	32.7	57.5	62.3	28.2	ND

**Notes:**

**All concentrations are reported in parts per billion (ppb or ug/kg)**

ftbg = feet below grade surface

NS = No Standard

ND = Compound not detected above method detection limit (see attached lab report for mdl's)

J = Estimated value

SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

**Table 3. Summary of Polycyclic Aromatic Hydrocarbons (PAHs) Detected in Soil  
Phase II Environmental Site Assessment**

PAHs	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID, Date Collected, and Depth (ftbg)						
		SB-01 - COMP	SB-02 - COMP	SB-03 - COMP	SB-04 - COMP	SB-05 - COMP	SB-06 - COMP	SB-07 - COMP
		8/19/2019 0.0 - 9.5	8/19/2019 0.0 - 9.5	8/19/2019 0.0 - 8.0	8/19/2019 0.0 - 7.5	8/19/2019 0.0 - 9.2	8/19/2019 0.0 - 7.5	8/19/2019 0.0 - 9.0
Acenaphthene	500,000	ND	ND	980 J	ND	ND	420	350 J
Acenaphthylene	500,000	ND	ND	ND	ND	ND	680	ND
Anthracene	500,000	ND	ND	1,400 J	ND	100 J	720	670
Benzo(a)anthracene	5,600	110 J	400 J	1,700 J	ND	280 J	1,700	2,000
Benzo(a)pyrene	1,000	98 J	370 J	1,300 J	ND	260 J	1,100	1,700
Benzo(b)fluoranthene	5,600	130 J	550 J	1,700 J	110 J	310 J	1,800	2,000
Benzo(g,h,i)perylene	500,000	84 J	ND	520 J	ND	130 J	990	870
Benzo(k)fluoranthene	56,000	ND	ND	510 J	ND	120 J	390	620
Chrysene	56,000	110 J	410 J	1,500 J	ND	260 J	1,600	1,700
Dibenzo[a,h]anthracene	560	ND	ND	ND	ND	ND	170 J	210 J
Flouranthene	500,000	220 J	680 J	4,200	140 J	570	2,700	3,200
Fluorene	500,000	ND	ND	860 J	ND	ND	250 J	280 J
Indeno(1,2,3-cd)pyrene	5,600	ND	ND	520 J	ND	110 J	630	760
Napthalene	500,000	ND	ND	ND	ND	ND	140 J	150 J
Phenanthrene	500,000	200 J	ND	5,600	ND	390 J	920	2,600
Pyrene	500,000	200 J	750 J	3,300	130 J	490	4,000 E	3,200
Total PAHs	NS	1,152	3,160	24,090	380	3,020	18,110	20,310

**Notes:**  
**All concentrations are reported in parts per billion (ppb or ug/kg)**  
ftbg = feet below grade surface  
ND = Compound not detected above method detection limit (see attached lab report for mdl's)  
NS = No Standard  
J = Estimated value  
E = Value Exceeds Calibration Range  
PAHs = Polycyclic Aromatic Hydrocarbons  
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

Shaded = Concentration exceeds Restricted Use (Track 2) Commercial SCOs



**Table 4. Summary of Polychlorinated Biphenyls (PCBs) Detected in Soil  
Phase II Environmental Site Assessment**

PCBs	Part 375-6.8 (b) Restricted Use (Track 2) Commercial Soil Cleanup Objectives (SCOs)	Sample ID, Date Collected, and Depth (ftbg)						
		SB-01 - COMPRE	SB-02 - COMPRE	SB-03 - COMPRE	SB-04 - COMPRE	SB-05 - COMPRE	SB-06 - COMPRE	SB-07 - COMPRE
		8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019
		0.0 - 9.5	0.0 - 9.5	0.0 - 8.0	0.0 - 7.5	0.0 - 9.2	0.0 - 7.5	0.0 - 9.0
Aroclor 1254	NS	ND	ND	ND	ND	ND	ND	13.0 J
Aroclor 1260	NS	23	82.0 P	19.0 JP	ND	ND	ND	11.0 J
Total PCBs	1,000	23.0	82.0	19.0	ND	ND	ND	24.0

**Notes:**

All concentrations are reported in parts per billion (ppb or ug/kg)

ftbg = feet below grade surface

RE = Re-evaluated due to surrogate recovery being outside of the QC limits and/or the closing Continuous Calibration Check (CCC) was also outside the acceptable QC limits

ND = Compound not detected above method detection limit (see attached lab report for mdl's)

NS = No Standard

J = Estimated value

P = Indicates >25% difference for detected concentrations between the two GC columns.

SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 14, 2006).

**Table 5. Summary of Waste Characterization in Soil  
Phase II Environmental Site Assessment**

Parameter	6 NYCRR Part 371 and RCRA	Sample ID, Date Collected, and Depth (ftbg)						
		SB-01 - COMP	SB-02 - COMP	SB-03 - COMP	SB-04 - COMP	SB-05 - COMP	SB-06 - COMP	SB-07 - COMP
		8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019	8/19/2019
		0.0 - 9.5	0.0 - 9.5	0.0 - 8.0	0.0 - 7.5	0.0 - 9.2	0.0 - 7.5	0.0 - 9.0
<b>METALS<sup>1</sup></b>	<b>ug/L</b>							
Arsenic	5,000	16 J	ND	ND	ND	44 J	ND	ND
Barium	100,000	1,980 N	1,340 N	1,770 N	1,620 N	2,010 N	1,430 N	960 N
Cadmium	1,000	4.5 J	5.2 J	3.4 J	4.5 J	ND	2.1 J	2.1 J
Chromium	5,000	ND	ND	ND	ND	ND	16 J	15 J
Lead	5,000	120	110	220	1,630	44 J	700	310
Selenium	1,000	28 J	47 J	51 J	57 J	74 J	47 J	43 J
<b>MISC. PARAMETERS (units)</b>								
Reactivity Sulfide (mg/kg)	500	ND	ND	ND	ND	ND	ND	ND
Reactivity Cyanide (mg/kg)	250	ND	ND	ND	ND	ND	ND	ND
pH (SU)	2-12.5	7.94 H	10.0 H	8.81 H	8.07 H	8.2 H	10.2 H	10.6 H
Ignitability	>140 °F	No	No	No	No	No	No	No
TPHC Diesel Range Organics (mg/kg)	NS	27.2	195	172	55	42.3	161	28.1
TPHC Gasoline Range Organics (mg/kg)	NS	0.019 J	0.036 J	0.028 J	0.017 J	0.027 J	ND	ND

**Notes:**

- ftbg = feet below grade surface
- NS = No Standard
- ND = Compound not detected above method detection limit (see attached lab report for mdl's)
- SU = Standard unit
- J = Estimated value
- N = Spiked sample recovery not within control limits
- H = Sample analysis out of hold time
- mg/Kg = milligram per kilogram
- ug/L = microgram per liter
- <sup>1</sup> = TCLP RCRA Metals

**FIGURE 1 – TOPOGRAPHIC CORRIDOR LOCATION MAP**



GOWANDUS BAY/  
GOWANDUS CANAL

CORRIDOR LOCATION

2ND AVENUE

29TH STREET

36TH STREET

**Legend:**  
Corridor Location

**NYC DDC** Department of Design and Construction

**LiRo Engineers, Inc.**  
703 Lorimer Street, Brooklyn, New York

DDC ID NO: SAND1048 WOL NO: 15626-LIRO-3-R-15333

**TOPOGRAPHIC CORRIDOR LOCATION MAP**

**SUNSET PARK NORTH SECTION OF THE BROOKLYN WATERFRONT GREENWAY BROOKLYN, NEW YORK**

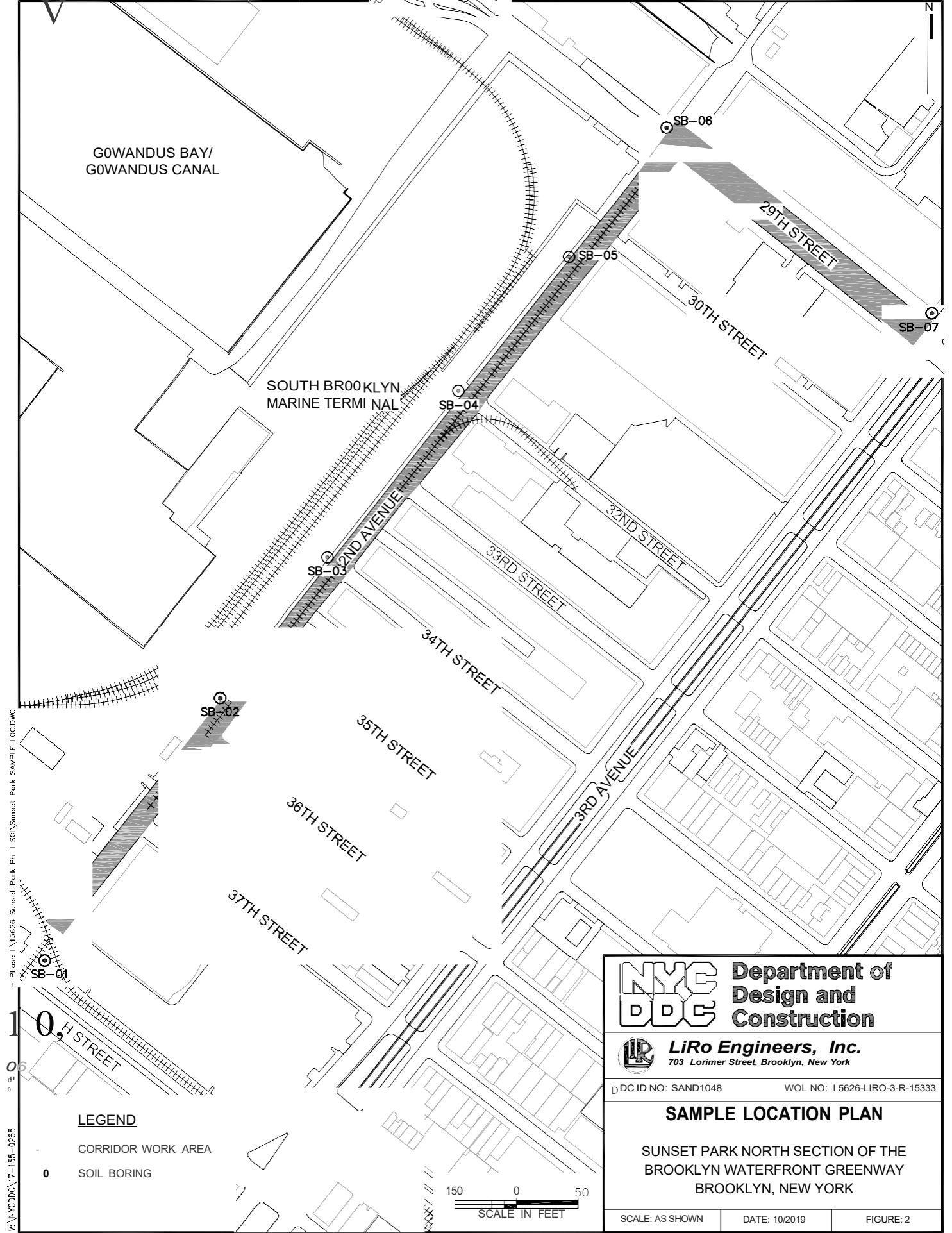
SCALE: AS SHOWN DATE: 10/2019 FIGURE: 1

USGS The National Map:  
Data Refreshed October 2018  
Jersey City Quad

0 300 600ft

V:\NYCDDC\17-155-0265 - 2017 DDC OGES\Design\Phase I - Phase II\15626 Sunset Park Ph II\SCIS\Sunset Park Topo Map.ai

**FIGURE 2 – SAMPLE LOCATION PLAN**

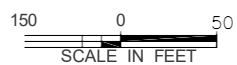


Phase I \ 15626 Sunset Park Ph. II \ 50 \ Sunset Park Sample Loc.DWG  
 V:\NYDCDC\17-155-0265

GOWANDUS BAY/  
GOWANDUS CANAL

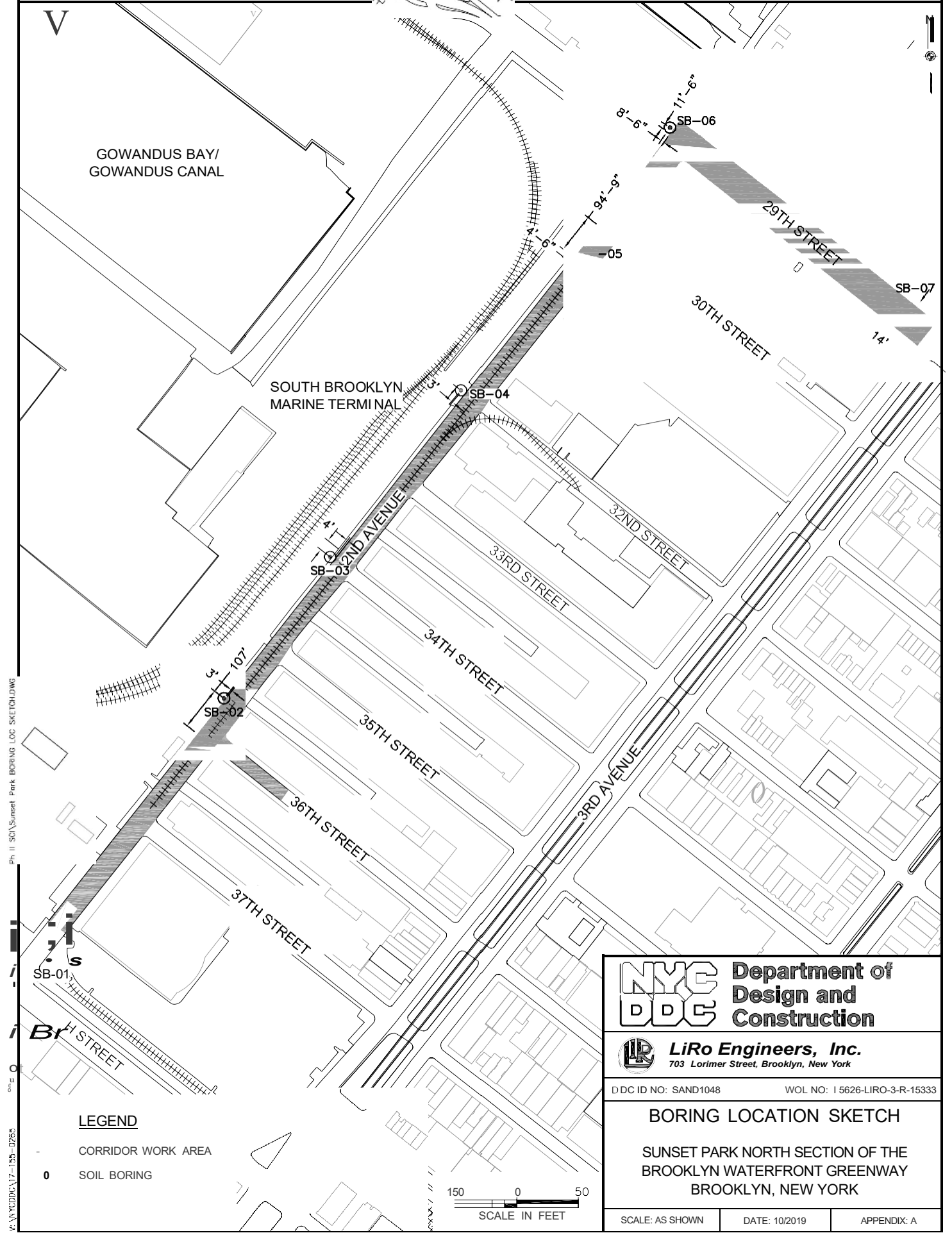
SOUTH BROOKLYN  
MARINE TERMINAL

- LEGEND**
- CORRIDOR WORK AREA
  - SOIL BORING



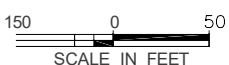
<b>Department of Design and Construction</b>	
<b>LiRo Engineers, Inc.</b> 703 Lorimer Street, Brooklyn, New York	
DC ID NO: SAND1048	WOL NO: 15626-LIRO-3-R-15333
<b>SAMPLE LOCATION PLAN</b>	
SUNSET PARK NORTH SECTION OF THE BROOKLYN WATERFRONT GREENWAY BROOKLYN, NEW YORK	
SCALE: AS SHOWN	DATE: 10/2019
FIGURE: 2	

**APPENDIX A**  
**BORING LOCATION SKETCHES**



Ph II SCA\Sunset Park BORING LOC SKETCH.DWG  
 W:\NYCDDC\17-155-0265

- LEGEND**
- CORRIDOR WORK AREA
  - SOIL BORING



 <b>Department of Design and Construction</b>	
 <b>LiRo Engineers, Inc.</b> 703 Lorimer Street, Brooklyn, New York	
DDC ID NO: SAND1048      WOL NO: I 5626-LIRO-3-R-15333	
<b>BORING LOCATION SKETCH</b>	
SUNSET PARK NORTH SECTION OF THE BROOKLYN WATERFRONT GREENWAY BROOKLYN, NEW YORK	
SCALE: AS SHOWN	DATE: 10/2019
APPENDIX: A	



**APPENDIX B**  
**GEOLOGIC BORING LOGS**



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					<b>BORING NO.:</b> SB-01		
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					<b>SHEET:</b>		
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					<b>JOB NO.:</b> 17-155-0265		
<b>GROUNDWATER:</b> 9.5					<b>LOCATION:</b> 39th St. and 2nd Ave.		
<b>CAS.</b>					<b>GROUND ELEVATION:</b> NA		
<b>SAMPLER</b>					<b>DATE STARTED:</b> August 19, 2019		
<b>TUBE</b>					<b>DATE FINISHED:</b> August 19, 2019		
5' Macros					<b>DRILLER:</b> Daybi Pacheco/Jose Romero		
<b>DATE</b>					<b>GEOLOGIST:</b> Scott Swanson		
<b>TIME</b>					<b>REVIEWED BY:</b> Steve Frank		
<b>LEVEL</b>							
<b>TYPE</b>							
NA							
<b>TYPE</b>							
DIA.							
<b>TYPE</b>							
WT.							
<b>TYPE</b>							
FALL							

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1					NA	Red Brown	NA	tree box mulch	Fill	Cleared to 6 ftbg
fill w/brick, stone, soil										
SAND with some gravel, trace silt								SP	0.0 ppm	
6				100%	Red Brown	Medium loose	Fine to coarse SAND, some gravel			
10										
End of boring at 10 ftbg										
15										
20										
25										
30										
35										

<b>COMMENTS:</b> Grab sample collected @ 9.0-9.5 ftbg for VOCs. Composite sample collected from 0-9.5 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS).					<b>PROJECT NO.:</b> 17-155-0265		
					<b>BORING NO.:</b> SB-01		



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					<b>BORING NO.:</b> SB-02		
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					<b>SHEET:</b>		
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					<b>JOB NO.:</b> 17-155-0265		
<b>GROUNDWATER:</b> 10					<b>LOCATION:</b> 36th St. and 2nd Ave.		
<b>CAS.</b>					<b>GROUND ELEVATION:</b> NA		
<b>SAMPLER</b>					<b>DATE STARTED:</b> August 19, 2019		
<b>TUBE</b>					<b>DATE FINISHED:</b> August 19, 2019		
5' Macros					<b>DRILLER:</b> Daybi Pacheco/Jose Romero		
<b>DATE</b>					<b>GEOLOGIST:</b> Scott Swanson		
<b>TIME</b>					<b>REVIEWED BY:</b> Steve Frank		
<b>LEVEL</b>							
<b>TYPE</b>							
NA							
<b>TYPE</b>							
DIA.							
<b>TYPE</b>							
WT.							
<b>TYPE</b>							
FALL							

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1								asphalt walk	Fill	Cleared to 6 ftbg
								gravely sand some silt		
						NA	Red Brown	NA	SAND with some gravel, trace silt	SP
6										
					100%	Red Brown	Medium loose	Fine to coarse SAND, some gravel	ML	wet @ 10'
10							Medium dense	SILT w some sand, gravel		
	End of boring at 10 ftbg									
15										
20										
25										
30										
35										

<b>COMMENTS:</b> Grab sample collected @ 9.5-10.0 ftbg for VOCs. Composite sample collected from 0-9.5 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS).					<b>PROJECT NO.:</b> 17-155-0265		
					<b>BORING NO.:</b> SB-02		



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					<b>BORING NO.:</b> SB-03		
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					<b>SHEET:</b>		
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					<b>JOB NO.:</b> 17-155-0265		
<b>GROUNDWATER:</b> 8.5					<b>LOCATION:</b> 34th St. and 2nd Ave.		
<b>CAS.</b>					<b>GROUND ELEVATION:</b> NA		
<b>SAMPLER</b>					<b>DATE STARTED:</b> August 19, 2019		
<b>TUBE</b>					<b>DATE FINISHED:</b> August 19, 2019		
5' Macros					<b>DRILLER:</b> Daybi Pacheco/Jose Romero		
<b>DATE</b>					<b>GEOLOGIST:</b> Scott Swanson		
<b>TIME</b>					<b>REVIEWED BY:</b> Steve Frank		
<b>LEVEL</b>							
<b>TYPE</b>							
NA							
<b>TYPE</b>							
DIA.							
<b>TYPE</b>							
WT.							
<b>TYPE</b>							
FALL							

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS	
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1								asphalt walk	Fill	Cleared to 6 ftbg	
								gravely sand some silt			
						NA	Red Brown	NA	SAND with some gravel, trace silt	SP	0.0 ppm
6											
								Medium loose	Fine to coarse SAND, some gravel	ML	wet @ 8.5'
						100%	Brown	Medium Dense	SILT w some sand, gravel		
10											
	End of boring at 10 ftbg										
15											
20											
25											
30											
35											

<b>COMMENTS:</b> Grab sample collected @ 8.0-8.5 ftbg for VOCs. Composite sample collected from 0-8.0 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS).	<b>PROJECT NO.:</b> 17-155-0265
	<b>BORING NO.:</b> SB-03



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					<b>BORING NO.:</b> SB-04		
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					<b>SHEET:</b>		
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					<b>JOB NO.:</b> 17-155-0265		
<b>GROUNDWATER:</b> 8					<b>LOCATION:</b> 32nd St. and 2nd Ave.		
<b>CAS.</b>					<b>GROUND ELEVATION:</b> NA		
<b>SAMPLER</b>					<b>DATE STARTED:</b> August 19, 2019		
<b>TUBE</b>					<b>DATE FINISHED:</b> August 19, 2019		
5' Macros					<b>DRILLER:</b> Daybi Pacheco/Jose Romero		
<b>DATE</b>					<b>GEOLOGIST:</b> Scott Swanson		
<b>TIME</b>					<b>REVIEWED BY:</b> Steve Frank		
<b>LEVEL</b>							
<b>TYPE</b>							
NA							
<b>TYPE</b>							
DIA.							
<b>TYPE</b>							
WT.							
<b>TYPE</b>							
FALL							

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1						Gray Brown	NA	asphalt walk	Fill	Cleared to 6 ftbg  0.0 ppm slight odor  5 ppm petroleum odor wet @ 8'  Too tight to recharge water
								gravely sand some silt		
								SAND with some gravel, trace silt		
6									Medium loose	
					100%			SILT w some sand, gravel	ML	
10						Brown				
	End of boring at 10 ftbg									
15										
20										
25										
30										
35										

<b>COMMENTS:</b> Grab sample collected @ 7.5-8.0 ftbg for VOCs. Composite sample collected from 0-7.5 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS). Water could not be sampled due to tight formation.	<b>PROJECT NO.:</b> 17-155-0265
	<b>BORING NO.:</b> SB-04



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>BORING NO:</b>	<b>SB-05</b>
<b>SHEET:</b>	
<b>JOB NO.:</b>	<b>17-155-0265</b>
<b>LOCATION:</b>	<b>31st St. and 2nd Ave.</b>
<b>GROUND ELEVATION:</b>	<b>NA</b>
<b>DATE STARTED:</b>	<b>August 19, 2019</b>
<b>DATE FINISHED:</b>	<b>August 19, 2019</b>
<b>DRILLER:</b>	<b>Daybi Pacheco/Jose Romero</b>
<b>GEOLOGIST:</b>	<b>Scott Swanson</b>
<b>REVIEWED BY:</b>	<b>Steve Frank</b>

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					
<b>GROUNDWATER:</b> 10			<b>CAS.</b>	<b>SAMPLER</b>	<b>TUBE</b>
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>	<b>5' Macros</b>
			NA	DIA.	
				WT.	
				FALL	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1								asphalt walk	Fill	Cleared to 6 ftbg  0.0 ppm slight petroleum odors	
								gravely sand some silt			
						NA	Black/Brown	NA	SAND with some gravel, trace silt		
6											SP
						80%	Black/Brown	Medium loose	Fine to coarse SAND, some gravel		
10										wet @ 10'	
	End of boring at 10 ftbg										
15											
20											
25											
30											
35											

<b>COMMENTS:</b> Grab sample collected @ 9.2-9.7 ftbg for VOCs. Composite sample collected from 0-9.2 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS).	<b>PROJECT NO.:</b> 17-155-0265
	<b>BORING NO.:</b> SB-05



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					<b>BORING NO.:</b> SB-06		
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					<b>SHEET:</b>		
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					<b>JOB NO.:</b> 17-155-0265		
<b>GROUNDWATER:</b> 8					<b>LOCATION:</b> 29th St. and 2nd Ave.		
<b>CAS.</b>					<b>GROUND ELEVATION:</b> NA		
<b>SAMPLER</b>					<b>DATE STARTED:</b> August 19, 2019		
<b>TUBE</b>					<b>DATE FINISHED:</b> August 19, 2019		
5' Macros					<b>DRILLER:</b> Daybi Pacheco/Jose Romero		
<b>DATE</b>					<b>GEOLOGIST:</b> Scott Swanson		
<b>TIME</b>					<b>REVIEWED BY:</b> Steve Frank		
<b>LEVEL</b>							
<b>TYPE</b>							
NA							
<b>TYPE</b>							
DIA.							
<b>TYPE</b>							
WT.							
<b>TYPE</b>							
FALL							

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				NA	Dark brown	NA	concrete sidewalk	Fill	Cleared to 6 ftbg
								gravely sand some silt		
6										
									Moist	
10	[Dotted Pattern]				80%	Brown	Medium loose	Fine to coarse SAND, some gravel		wet @ 8'

End of boring at 10 ftbg

15
20
25
30
35

<b>COMMENTS:</b> Grab sample collected @ 7.5-8.0 ftbg for VOCs. Composite sample collected from 0-7.5 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS).	<b>PROJECT NO.:</b> 17-155-0265
	<b>BORING NO.:</b> SB-06



# LiRo Engineers, Inc.

## TEST BORING LOG

<b>PROJECT:</b> Sunset Park North Section of the Brooklyn Waterfront Greenway					<b>BORING NO.:</b> SB-07
<b>CLIENT:</b> Department of Design and Construction - OEGS - SAND1048					<b>SHEET:</b> 1 of 18
<b>BORING CONTRACTOR:</b> AARCO Environmental Services Corp.					<b>JOB NO.:</b> 17-155-0265
<b>GROUNDWATER:</b> 10					<b>LOCATION:</b> 29th St. and 3rd Ave.
<b>CAS.</b>			<b>SAMPLER</b>	<b>TUBE</b>	<b>GROUND ELEVATION:</b> NA
<b>DATE</b>	<b>TIME</b>	<b>LEVEL</b>	<b>TYPE</b>	<b>TYPE</b>	<b>DATE STARTED:</b> August 19, 2019
			NA	DIA.	<b>DATE FINISHED:</b> August 19, 2019
				WT.	<b>DRILLER:</b> Daybi Pacheco/Jose Romero
				FALL	<b>GEOLOGIST:</b> Scott Swanson
					<b>REVIEWED BY:</b> Steve Frank

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS	
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1						Dark brown to orange brown, trace of black	NA	concrete sidewalk	Fill	Cleared to 6 ftbg  0.0 ppm Moist	
								gravely sand some silt			
								Medium to coarse SAND, some gravel			
6						80%	Brown	Medium loose	Medium to coarse SAND, some gravel	SW	0.0 ppm Moist
											Medium to coarse SAND, some gravel
10											
	End of boring at 10 ftbg										
15											
20											
25											
30											
35											

<b>COMMENTS:</b> Grab sample collected @ 9-10 ftbg for VOCs. Composite sample collected from 0-9 ftbg for remaining parameters. Soil was classified according to the Unified Soil Classification System (USCS).	<b>PROJECT NO.:</b> 17-155-0265
	<b>BORING NO.:</b> SB-07



**APPENDIX C**  
**LABORATORY ANALYTICAL RESULTS**

**DATA FOR**  
**VOLATILE ORGANICS**  
**SEMI-VOLATILE ORGANICS**  
**GC SEMI-VOLATILES**  
**METALS**  
**GENERAL CHEMISTRY**

**PROJECT NAME : DDC OEGS - SUNSET PARK PHASE II SCI**

**LIRO ENGINEERS, INC.**

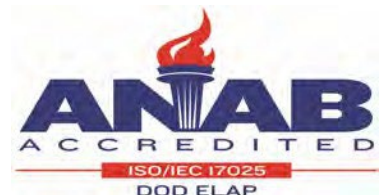
**690 Delaware Ave.**

**Buffalo, NY - 14209**

**Phone No: 716-882-5476**

**ORDER ID : K4421**

**ATTENTION : Steve Frank**



Date : 08/26/2019

Dear Steve Frank,

**21** soil samples for the **DDC OEGS - Sunset Park Phase II SCI** project were received on **08/20/2019**. The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Steven T Chaimowitz

[s.chaim@chemtech.net](mailto:s.chaim@chemtech.net)

# OeffitECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

Chemtech Project Number 84421  
COC Number **2026127**

**CLIENT INFORMATION**

**PROJECT INFORMATION**

**BILLING INFORMATION**

COMPANY: LRO ENGINEERS, INC. PROJECT NAME: SUNSET PARK PHII BILL TO: SAME PO#: \_\_\_\_\_  
ADDRESS: 690 DELAWARE AVE. PROJECT#: L7-1SS-02 4;- LOCATION: N. Gttd.) (L'J) ADDRESS: \_\_\_\_\_  
CITY: BUFFALO STATE: NY ZIP: 14209 PROJECT MANAGER: ..5r-eJ tz: t = - CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
ATTENTION: Steve Frank E-MAIL: FRANKS@lro.com ATTENTION: \_\_\_\_\_  
PHONE: 716-882-5476 FAX: \_\_\_\_\_ PHONE: \_\_\_\_\_

**DATA TURNAROUND INFORMATION**  
FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): \_\_\_\_\_ DAYS\*  
EDD: \_\_\_\_\_ VS. \_\_\_\_\_  
\*TO BE APPROVED BY CHEMTECH A.; Puz\_c,E6\_5  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

**DATA DELIVERABLE INFORMATION**  
 Level 1 (Results Only)  Level 4 (QC + Full Raw Data)  
 Level 2 (Results + QC)  NJ Reduced  US EPA CLP  
 Level 3 (Results + QC + Raw Data)  NYS ASPA  NYS ASPB  
 Other  
EDD FORMAT h ?tff.. c:..-k'---

**ANALYSIS**  
1 TOC VOCs  
2 PAHs B's  
3 TOC VOCs B's  
4 TPHs B's  
5 RCRA PAR  
6 TCLP PAR  
7  
8  
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		i #	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	SUNSET PARK - SB 7 - comp	Soil	X		8/19/19	9:40	3		X	X	X	X	X	X					
2.	SB 7 - 9'-10'			X		9:30	1	X											
3.	SB 6 - comp		X			10:20	3		X	X	X	X	X	X					
4.	SB 6 - 7.5-8.0'			X		10:10	1	X											
5.	SB 5 - comp		X			10:55	3		X	X	X	X	X	X					
6.	SB 5 - 9.2-9.7'			X		10:45	1	X											
7.	SB 4 - comp		X			11:30	3		X	X	X	X	X	X					
8.	SB 4 - 7.5-8.0'			X		11:20	1	X											
9.	SB 3 - comp		X			12:10	3		X	X	X	X	X	X					
10.	SB 3 - 8.0-8.5'			X		12:00	1	X											

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY**

RELINQUISHED BY SAMPLER: [Signature] DATE/TIME: 8/19/19 4:30 PM RECEIVED BY: Paul Gulak 8:20 AM  
Conditions of bottles or collers at receipt:  COMPLIANT  NON COMPLIANT  COOLER TEMP 3.9  
Comments: \_\_\_\_\_

RELINQUISHED BY: Paul Gulak DATE/TIME: 8-20-19 RECEIVED BY: [Signature]  
Comments: \_\_\_\_\_

RELINQUISHED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_ RECEIVED FOR LAB BY: \_\_\_\_\_  
Page 1 of 2

CLIENT:  Hand Delivered  Other: \_\_\_\_\_ Shipment Complete  YES  NO  
CHEMTECH: 'J' Picked Up

CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
Report to be sent to:		PROJECT NAME: <b>SUNSET PARK PH II</b>		BILL TO: <b>SAME</b>	
COMPANY: <b>LIRD ENGINEERS INC.</b>		PROJECT #: <b>17-55-0265</b> LOCATION:		PO#	
ADDRESS: <b>690 DELAWARE AVE.</b>		PROJECT MANAGER: <b>STEVE FRANK</b>		ADDRESS:	
CITY: <b>BUFFALO</b> STATE: <b>NY</b> ZIP: <b>14209</b>		E-MAIL: <b>FRANKS@lird.com</b>		CITY: STATE: ZIP:	
ATTENTION: <b>STEVE FRANK</b>		PHONE: <b>716 882 5476</b> FAX:		ATTENTION:	
PHONE: <b>716-882-5476</b> FAX:				PHONE:	

DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION	
FAX(RUSH) _____ DAYS*	<input type="checkbox"/> Level 1 (Results Only)	<input type="checkbox"/> Level 4 (QC + Full Raw Data)	
HARDCOPY (DATA PACKAGE): _____ DAYS*	<input type="checkbox"/> Level 2 (Results + QC)	<input type="checkbox"/> Level 4 (QC + Full Raw Data)	
EDD: _____ DAYS*	<input type="checkbox"/> Level 3 (Results + QC + Raw Data)	<input type="checkbox"/> NJ Reduced <input type="checkbox"/> USEPA CLP	
TO BE APPROVED BY CHEMTECH	<input type="checkbox"/> EDD FORMAT	<input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B	
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS		<input type="checkbox"/> Other _____	

ANALYSIS		PRESERVATIVES		COMMENTS	
1 TELVOL 58209 2 PAHS 8270 L 3 TEL PCB 335013 4 TPHC 201620 5 RQA PARC 6 TELP REC METAL 7 8 9		<input type="checkbox"/> E <input type="checkbox"/> E <input type="checkbox"/> E <input type="checkbox"/> E <input type="checkbox"/> E <input type="checkbox"/> E		<- Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION	PRESERVATIVES									COMMENTS		
					1	2	3	4	5	6	7	8	9			
1.	ET PARK - SB2 COMP	Soil	I	8/19/19 12:40 3	X	X	X	X	X							
2.	SB2 - 9.5-10.0	↓														
3.	SB1 - COMP		X	1.15' 3	X											
4.	SB1 - 9.0-9.5	↓	X	1.15'	X											
5.																
6.																
7.																
8.																
9.																
10.																

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY**

RELINQUISHED BY SAMPLER 1. <i>[Signature]</i>	DATE/TIME 8/19/19 4:30	RECEIVED BY 1. Paul Gzela 8:20-19	Conditions of bottles or collars at receipt: <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <b>3.9°</b>
RELINQUISHED BY 2. Paul Gzela	DATE/TIME 8-20-19	RECEIVED BY 2. <i>[Signature]</i>	Comments:
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	

Page 2 of 2

CLIENT:  Hand Delivered  Other: \_\_\_\_\_

CHEMTECH:  Picked Up

Shipment Complete  
YES  D  NO

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Moisture:	15.1      Decanted:
Sample Wt/Vol:	30.04      Units: g	Final Vol:	1      mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005668.D	1	08/21/19 08:10	08/21/19 17:34	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	28.1		0.98	1.96	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	15.7		37 - 130	78%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19		
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19		
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421		
Lab Sample ID:	K4421-01	Matrix:	SOIL		
Analytical Method:	8015D GRO	% Moisture:	15.1	Decanted:	
Sample Wt/Vol:	5	Units:	g	Final Vol:	5 mL
Soil Aliquot Vol:			uL	Test:	Gasoline Range Organics
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022062.D	1	08/21/19 15:48	FB082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.053	U	0.014	0.053	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.6		50 - 150	83%	SPK: 20

## Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
E = Value Exceeds Calibration Range  
P = Indicates >25% difference for detected concentrations between the two GC columns  
Q = indicates LCS control criteria did not meet requirements  
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound  
\* = Values outside of QC limits  
D = Dilution  
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
( ) = Laboratory InHouse Limit

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19			
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19			
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421			
Lab Sample ID:	K4421-01	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	15.1	Decanted:		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040487.D	1	08/21/19 13:10	08/21/19 19:20	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.020	U	0.0024	0.020	mg/Kg
11104-28-2	Aroclor-1221	0.020	U	0.0079	0.020	mg/Kg
11141-16-5	Aroclor-1232	0.020	U	0.0077	0.020	mg/Kg
53469-21-9	Aroclor-1242	0.020	U	0.0069	0.020	mg/Kg
12672-29-6	Aroclor-1248	0.020	U	0.0065	0.020	mg/Kg
11097-69-1	Aroclor-1254	0.011	J	0.0076	0.020	mg/Kg
37324-23-5	Aroclor-1262	0.020	U	0.0059	0.020	mg/Kg
11100-14-4	Aroclor-1268	0.020	U	0.0050	0.020	mg/Kg
11096-82-5	Aroclor-1260	0.0093	J	0.0054	0.020	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	14.9		10 - 166	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.3		60 - 125	71%	SPK: 20

## Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19			
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/20/19			
Client Sample ID:	SUNSET-PARK-SB-7-COMPRES	SDG No.:	K4421			
Lab Sample ID:	K4421-01RE	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	15.1	Decanted:		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040505.D	1	08/21/19 13:10	08/22/19 11:54	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.020	U	0.0024	0.020	mg/Kg
11104-28-2	Aroclor-1221	0.020	U	0.0079	0.020	mg/Kg
11141-16-5	Aroclor-1232	0.020	U	0.0077	0.020	mg/Kg
53469-21-9	Aroclor-1242	0.020	U	0.0069	0.020	mg/Kg
12672-29-6	Aroclor-1248	0.020	U	0.0065	0.020	mg/Kg
11097-69-1	Aroclor-1254	0.013	J	0.0076	0.020	mg/Kg
37324-23-5	Aroclor-1262	0.020	U	0.0059	0.020	mg/Kg
11100-14-4	Aroclor-1268	0.020	U	0.0050	0.020	mg/Kg
11096-82-5	Aroclor-1260	0.011	J	0.0054	0.020	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	16.5		10 - 166	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		60 - 125	76%	SPK: 20

## Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116466.D	1	08/21/19 08:20	08/21/19 15:29	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	0.15	J	0.058	0.39	mg/Kg
208-96-8	Acenaphthylene	0.39	U	0.070	0.39	mg/Kg
83-32-9	Acenaphthene	0.35	J	0.080	0.39	mg/Kg
86-73-7	Fluorene	0.28	J	0.060	0.39	mg/Kg
85-01-8	Phenanthrene	2.60		0.067	0.39	mg/Kg
120-12-7	Anthracene	0.67		0.065	0.39	mg/Kg
206-44-0	Fluoranthene	3.20		0.058	0.39	mg/Kg
129-00-0	Pyrene	3.20		0.072	0.39	mg/Kg
56-55-3	Benzo(a)anthracene	2.00		0.044	0.39	mg/Kg
218-01-9	Chrysene	1.70		0.050	0.39	mg/Kg
205-99-2	Benzo(b)fluoranthene	2.00		0.057	0.39	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.62		0.066	0.39	mg/Kg
50-32-8	Benzo(a)pyrene	1.70		0.052	0.39	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.76		0.085	0.39	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.21	J	0.061	0.39	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.87		0.072	0.39	mg/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	73.7		31 - 132	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		39 - 123	73%	SPK: 100
1718-51-0	Terphenyl-d14	67.3		37 - 115	67%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	79900	6.79			
1146-65-2	Naphthalene-d8	317000	8.07			
15067-26-2	Acenaphthene-d10	170000	9.83			
1517-22-2	Phenanthrene-d10	304000	11.32			
1719-03-5	Chrysene-d12	231000	13.97			
1520-96-3	Perylene-d12	230000	15.42			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.1
Sample Wt/Vol:	30.1      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116466.D	1	08/21/19 08:20	08/21/19 15:29	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-9-10	SDG No.:	K4421
Lab Sample ID:	K4421-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	12.6
Sample Wt/Vol:	5.07      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012103.D	1		08/22/19 11:59	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0056	U	0.0010	0.0056	mg/Kg
74-87-3	Chloromethane	0.0056	U	0.0020	0.0056	mg/Kg
75-01-4	Vinyl Chloride	0.0056	U	0.0013	0.0056	mg/Kg
74-83-9	Bromomethane	0.0056	U	0.00043	0.0056	mg/Kg
75-00-3	Chloroethane	0.0056	U	0.00065	0.0056	mg/Kg
75-69-4	Trichlorofluoromethane	0.0056	U	0.00073	0.0056	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0056	U	0.00090	0.0056	mg/Kg
75-65-0	Tert butyl alcohol	0.028	U	0.017	0.028	mg/Kg
75-35-4	1,1-Dichloroethene	0.0056	U	0.0011	0.0056	mg/Kg
67-64-1	Acetone	0.028	U	0.0087	0.028	mg/Kg
75-15-0	Carbon Disulfide	0.0056	U	0.0012	0.0056	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0056	U	0.0016	0.0056	mg/Kg
79-20-9	Methyl Acetate	0.0056	U	0.0032	0.0056	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0059	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0056	U	0.0014	0.0056	mg/Kg
75-34-3	1,1-Dichloroethane	0.0056	U	0.0010	0.0056	mg/Kg
110-82-7	Cyclohexane	0.0056	U	0.0020	0.0056	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0075	0.028	mg/Kg
56-23-5	Carbon Tetrachloride	0.0056	U	0.00093	0.0056	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0056	U	0.0011	0.0056	mg/Kg
74-97-5	Bromochloromethane	0.0056	U	0.0013	0.0056	mg/Kg
67-66-3	Chloroform	0.0056	U	0.00097	0.0056	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0056	U	0.0012	0.0056	mg/Kg
108-87-2	Methylcyclohexane	0.0056	U	0.0013	0.0056	mg/Kg
71-43-2	Benzene	0.0056	U	0.00095	0.0056	mg/Kg
107-06-2	1,2-Dichloroethane	0.0056	U	0.0014	0.0056	mg/Kg
79-01-6	Trichloroethene	0.0056	U	0.0011	0.0056	mg/Kg
78-87-5	1,2-Dichloropropane	0.0056	U	0.0014	0.0056	mg/Kg
75-27-4	Bromodichloromethane	0.0056	U	0.0011	0.0056	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.028	U	0.0063	0.028	mg/Kg
108-88-3	Toluene	0.0056	U	0.0011	0.0056	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0056	U	0.0011	0.0056	mg/Kg

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-9-10	SDG No.:	K4421
Lab Sample ID:	K4421-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	12.6
Sample Wt/Vol:	5.07      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012103.D	1		08/22/19 11:59	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0056	U	0.0012	0.0056	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0056	U	0.0016	0.0056	mg/Kg
591-78-6	2-Hexanone	0.028	U	0.0083	0.028	mg/Kg
124-48-1	Dibromochloromethane	0.0056	U	0.0015	0.0056	mg/Kg
106-93-4	1,2-Dibromoethane	0.0056	U	0.0015	0.0056	mg/Kg
127-18-4	Tetrachloroethene	0.0056	U	0.00078	0.0056	mg/Kg
108-90-7	Chlorobenzene	0.0056	U	0.00089	0.0056	mg/Kg
100-41-4	Ethyl Benzene	0.0056	U	0.00096	0.0056	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0019	0.011	mg/Kg
95-47-6	o-Xylene	0.0056	U	0.0012	0.0056	mg/Kg
100-42-5	Styrene	0.0056	U	0.0011	0.0056	mg/Kg
75-25-2	Bromoform	0.0056	U	0.0037	0.0056	mg/Kg
98-82-8	Isopropylbenzene	0.0056	U	0.00098	0.0056	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0056	U	0.0012	0.0056	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0056	U	0.0012	0.0056	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0056	U	0.0012	0.0056	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.0014	0.0056	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0056	U	0.0038	0.0056	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0056	U	0.0013	0.0056	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0056	U	0.0014	0.0056	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	56.1		56 - 120	112%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2		57 - 135	108%	SPK: 50
2037-26-5	Toluene-d8	53.5		67 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		33 - 141	99%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	226000	7.95			
540-36-3	1,4-Difluorobenzene	376000	8.84			
3114-55-4	Chlorobenzene-d5	321000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	136000	13.56			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-9-10	SDG No.:	K4421
Lab Sample ID:	K4421-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	12.6
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012103.D	1		08/22/19 11:59	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-03	Matrix:	SOIL
Analytical Method:	8015D DRO	% Moisture:	10.1      Decanted:
Sample Wt/Vol:	30.05      Units: g	Final Vol:	1      mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005685.D	5	08/21/19 08:10	08/22/19 11:24	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	161		4.63	9.25	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	1.92		37 - 130	48%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Moisture:	10.1      Decanted:
Sample Wt/Vol:	5.04      Units: g	Final Vol:	5      mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022063.D	1	08/21/19 16:19	FB082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.050	U	0.013	0.050	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.0		50 - 150	80%	SPK: 20

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >25% difference for detected concentrations between the two GC columns  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit



### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10.1      Decanted:
Sample Wt/Vol:	30.1      Units: g	Final Vol:	10000      uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0      PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040488.D	1	08/21/19 13:10	08/21/19 19:35	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0074	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0072	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0065	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0061	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0071	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0055	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0047	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.019	U	0.0051	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	11.5		10 - 166	58%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.2	*	60 - 125	51%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected

concentrations between the two GC columns

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/20/19
Client Sample ID:	SUNSET-PARK-SB-6-COMPRES	SDG No.:	K4421
Lab Sample ID:	K4421-03RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10.1      Decanted:
Sample Wt/Vol:	30.1      Units:    g	Final Vol:	10000      uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0      PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040506.D	1	08/21/19 13:10	08/22/19 12:08	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0074	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0072	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0065	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0061	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0071	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0055	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0047	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.019	U	0.0051	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	13.7		10 - 166	69%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.9	*	60 - 125	55%	SPK: 20

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.04      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116465.D	1	08/21/19 08:20	08/21/19 15:02	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	0.14	J	0.055	0.37	mg/Kg
208-96-8	Acenaphthylene	0.68		0.067	0.37	mg/Kg
83-32-9	Acenaphthene	0.42		0.075	0.37	mg/Kg
86-73-7	Fluorene	0.25	J	0.057	0.37	mg/Kg
85-01-8	Phenanthrene	0.92		0.063	0.37	mg/Kg
120-12-7	Anthracene	0.72		0.062	0.37	mg/Kg
206-44-0	Fluoranthene	2.70		0.055	0.37	mg/Kg
129-00-0	Pyrene	4.00	E	0.068	0.37	mg/Kg
56-55-3	Benzo(a)anthracene	1.70		0.042	0.37	mg/Kg
218-01-9	Chrysene	1.60		0.047	0.37	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.80		0.054	0.37	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.39		0.063	0.37	mg/Kg
50-32-8	Benzo(a)pyrene	1.10		0.049	0.37	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63		0.080	0.37	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.17	J	0.058	0.37	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.99		0.068	0.37	mg/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	76.8		31 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.5		39 - 123	77%	SPK: 100
1718-51-0	Terphenyl-d14	74.3		37 - 115	74%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	95200	6.8			
1146-65-2	Naphthalene-d8	373000	8.07			
15067-26-2	Acenaphthene-d10	195000	9.83			
1517-22-2	Phenanthrene-d10	298000	11.32			
1719-03-5	Chrysene-d12	213000	13.97			
1520-96-3	Perylene-d12	206000	15.43			

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.04      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116465.D	1	08/21/19 08:20	08/21/19 15:02	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMPDL	SDG No.:	K4421
Lab Sample ID:	K4421-03DL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.04      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116467.D	2	08/21/19 08:20	08/21/19 16:20	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	0.73	UD	0.11	0.73	mg/Kg
208-96-8	Acenaphthylene	0.57	JD	0.13	0.73	mg/Kg
83-32-9	Acenaphthene	0.37	JD	0.15	0.73	mg/Kg
86-73-7	Fluorene	0.21	JD	0.11	0.73	mg/Kg
85-01-8	Phenanthrene	0.82	D	0.13	0.73	mg/Kg
120-12-7	Anthracene	0.63	JD	0.12	0.73	mg/Kg
206-44-0	Fluoranthene	2.40	D	0.11	0.73	mg/Kg
129-00-0	Pyrene	3.90	D	0.14	0.73	mg/Kg
56-55-3	Benzo(a)anthracene	1.60	D	0.084	0.73	mg/Kg
218-01-9	Chrysene	1.30	D	0.095	0.73	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.50	D	0.11	0.73	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.48	JD	0.13	0.73	mg/Kg
50-32-8	Benzo(a)pyrene	0.94	D	0.099	0.73	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	JD	0.16	0.73	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.73	UD	0.12	0.73	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.77	D	0.14	0.73	mg/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	70.5		31 - 132	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.6		39 - 123	78%	SPK: 100
1718-51-0	Terphenyl-d14	69.0		37 - 115	69%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	126000		6.79		
1146-65-2	Naphthalene-d8	493000		8.07		
15067-26-2	Acenaphthene-d10	250000		9.83		
1517-22-2	Phenanthrene-d10	351000		11.32		
1719-03-5	Chrysene-d12	240000		13.97		
1520-96-3	Perylene-d12	231000		15.43		

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMPDL	SDG No.:	K4421
Lab Sample ID:	K4421-03DL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116467.D	2	08/21/19 08:20	08/21/19 16:20	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-7.5-8.0	SDG No.:	K4421
Lab Sample ID:	K4421-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012104.D	1		08/22/19 12:25	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0057	U	0.0010	0.0057	mg/Kg
74-87-3	Chloromethane	0.0057	U	0.0020	0.0057	mg/Kg
75-01-4	Vinyl Chloride	0.0057	U	0.0013	0.0057	mg/Kg
74-83-9	Bromomethane	0.0057	U	0.00043	0.0057	mg/Kg
75-00-3	Chloroethane	0.0057	U	0.00065	0.0057	mg/Kg
75-69-4	Trichlorofluoromethane	0.0057	U	0.00073	0.0057	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0057	U	0.00091	0.0057	mg/Kg
75-65-0	Tert butyl alcohol	0.028	U	0.017	0.028	mg/Kg
75-35-4	1,1-Dichloroethene	0.0057	U	0.0011	0.0057	mg/Kg
67-64-1	Acetone	0.024	J	0.0087	0.028	mg/Kg
75-15-0	Carbon Disulfide	0.0042	J	0.0012	0.0057	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0057	U	0.0016	0.0057	mg/Kg
79-20-9	Methyl Acetate	0.0057	U	0.0032	0.0057	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0059	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0057	U	0.0014	0.0057	mg/Kg
75-34-3	1,1-Dichloroethane	0.0057	U	0.0010	0.0057	mg/Kg
110-82-7	Cyclohexane	0.0057	U	0.0020	0.0057	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0076	0.028	mg/Kg
56-23-5	Carbon Tetrachloride	0.0057	U	0.00093	0.0057	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0057	U	0.0011	0.0057	mg/Kg
74-97-5	Bromochloromethane	0.0057	U	0.0014	0.0057	mg/Kg
67-66-3	Chloroform	0.0057	U	0.00098	0.0057	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0057	U	0.0012	0.0057	mg/Kg
108-87-2	Methylcyclohexane	0.0057	U	0.0013	0.0057	mg/Kg
71-43-2	Benzene	0.0057	U	0.00095	0.0057	mg/Kg
107-06-2	1,2-Dichloroethane	0.0057	U	0.0014	0.0057	mg/Kg
79-01-6	Trichloroethene	0.0057	U	0.0011	0.0057	mg/Kg
78-87-5	1,2-Dichloropropane	0.0057	U	0.0014	0.0057	mg/Kg
75-27-4	Bromodichloromethane	0.0057	U	0.0011	0.0057	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.028	U	0.0063	0.028	mg/Kg
108-88-3	Toluene	0.0057	U	0.0011	0.0057	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0057	U	0.0011	0.0057	mg/Kg

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-7.5-8.0	SDG No.:	K4421
Lab Sample ID:	K4421-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012104.D	1		08/22/19 12:25	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0057	U	0.0012	0.0057	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0057	U	0.0016	0.0057	mg/Kg
591-78-6	2-Hexanone	0.028	U	0.0084	0.028	mg/Kg
124-48-1	Dibromochloromethane	0.0057	U	0.0015	0.0057	mg/Kg
106-93-4	1,2-Dibromoethane	0.0057	U	0.0015	0.0057	mg/Kg
127-18-4	Tetrachloroethene	0.0057	U	0.00079	0.0057	mg/Kg
108-90-7	Chlorobenzene	0.0057	U	0.00089	0.0057	mg/Kg
100-41-4	Ethyl Benzene	0.0057	U	0.00097	0.0057	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0019	0.011	mg/Kg
95-47-6	o-Xylene	0.0057	U	0.0012	0.0057	mg/Kg
100-42-5	Styrene	0.0057	U	0.0011	0.0057	mg/Kg
75-25-2	Bromoform	0.0057	U	0.0037	0.0057	mg/Kg
98-82-8	Isopropylbenzene	0.0057	U	0.00098	0.0057	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0057	U	0.0012	0.0057	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0057	U	0.0012	0.0057	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0057	U	0.0012	0.0057	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0057	U	0.0014	0.0057	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0057	U	0.0038	0.0057	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0057	U	0.0013	0.0057	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0057	U	0.0014	0.0057	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	55.4		56 - 120	111%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		57 - 135	108%	SPK: 50
2037-26-5	Toluene-d8	53.0		67 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		33 - 141	96%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	217000	7.95			
540-36-3	1,4-Difluorobenzene	366000	8.84			
3114-55-4	Chlorobenzene-d5	305000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.56			



### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-7.5-8.0	SDG No.:	K4421
Lab Sample ID:	K4421-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012104.D	1		08/22/19 12:25	VW082219

<b>CAS Number</b>	<b>Parameter</b>	<b>Conc.</b>	<b>Qualifier</b>	<b>MDL</b>	<b>LOQ / CRQL</b>	<b>Units</b>
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-05	Matrix:	SOIL
Analytical Method:	8015D DRO	% Moisture:	19.3      Decanted:
Sample Wt/Vol:	30.09      Units: g	Final Vol:	1      mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005684.D	2	08/21/19 08:10	08/22/19 10:53	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	42.3		2.06	4.12	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	5.91		37 - 130	59%	SPK: 20

Comments:

U = Not Detected

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Moisture:	19.3      Decanted:
Sample Wt/Vol:	4.98      Units: g	Final Vol:	5      mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022064.D	1	08/21/19 16:50	FB082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.027	J	0.015	0.056	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.7		50 - 150	79%	SPK: 20

Comments:

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 Q = indicates LCS control criteria did not meet requirements  
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J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
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**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	19.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040489.D	1	08/21/19 13:10	08/21/19 19:49	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.021	U	0.0025	0.021	mg/Kg
11104-28-2	Aroclor-1221	0.021	U	0.0083	0.021	mg/Kg
11141-16-5	Aroclor-1232	0.021	U	0.0081	0.021	mg/Kg
53469-21-9	Aroclor-1242	0.021	U	0.0073	0.021	mg/Kg
12672-29-6	Aroclor-1248	0.021	U	0.0068	0.021	mg/Kg
11097-69-1	Aroclor-1254	0.021	U	0.0080	0.021	mg/Kg
37324-23-5	Aroclor-1262	0.021	U	0.0062	0.021	mg/Kg
11100-14-4	Aroclor-1268	0.021	U	0.0053	0.021	mg/Kg
11096-82-5	Aroclor-1260	0.021	U	0.0057	0.021	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	8.15		10 - 166	41%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.18	*	60 - 125	41%	SPK: 20

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**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/20/19
Client Sample ID:	SUNSET-PARK-SB-5-COMPRES	SDG No.:	K4421
Lab Sample ID:	K4421-05RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	19.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040512.D	1	08/21/19 13:10	08/22/19 13:36	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.021	U	0.0025	0.021	mg/Kg
11104-28-2	Aroclor-1221	0.021	U	0.0083	0.021	mg/Kg
11141-16-5	Aroclor-1232	0.021	U	0.0081	0.021	mg/Kg
53469-21-9	Aroclor-1242	0.021	U	0.0073	0.021	mg/Kg
12672-29-6	Aroclor-1248	0.021	U	0.0068	0.021	mg/Kg
11097-69-1	Aroclor-1254	0.021	U	0.0080	0.021	mg/Kg
37324-23-5	Aroclor-1262	0.021	U	0.0062	0.021	mg/Kg
11100-14-4	Aroclor-1268	0.021	U	0.0053	0.021	mg/Kg
11096-82-5	Aroclor-1260	0.021	U	0.0057	0.021	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	12.5		10 - 166	62%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.11	*	60 - 125	41%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.3
Sample Wt/Vol:	30.08      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116464.D	1	08/21/19 08:20	08/21/19 14:35	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	0.41	U	0.062	0.41	mg/Kg
208-96-8	Acenaphthylene	0.41	U	0.074	0.41	mg/Kg
83-32-9	Acenaphthene	0.41	U	0.084	0.41	mg/Kg
86-73-7	Fluorene	0.41	U	0.063	0.41	mg/Kg
85-01-8	Phenanthrene	0.39	J	0.071	0.41	mg/Kg
120-12-7	Anthracene	0.10	J	0.069	0.41	mg/Kg
206-44-0	Fluoranthene	0.57		0.061	0.41	mg/Kg
129-00-0	Pyrene	0.49		0.075	0.41	mg/Kg
56-55-3	Benzo(a)anthracene	0.28	J	0.047	0.41	mg/Kg
218-01-9	Chrysene	0.26	J	0.053	0.41	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.31	J	0.060	0.41	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.12	J	0.070	0.41	mg/Kg
50-32-8	Benzo(a)pyrene	0.26	J	0.055	0.41	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.11	J	0.089	0.41	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.41	U	0.065	0.41	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	J	0.076	0.41	mg/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	70.7		31 - 132	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		39 - 123	73%	SPK: 100
1718-51-0	Terphenyl-d14	66.0		37 - 115	66%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	88500	6.8			
1146-65-2	Naphthalene-d8	349000	8.07			
15067-26-2	Acenaphthene-d10	180000	9.83			
1517-22-2	Phenanthrene-d10	298000	11.32			
1719-03-5	Chrysene-d12	230000	13.96			
1520-96-3	Perylene-d12	218000	15.42			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.3
Sample Wt/Vol:	30.08      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116464.D	1	08/21/19 08:20	08/21/19 14:35	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-9.2-9.7	SDG No.:	K4421
Lab Sample ID:	K4421-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	5.01      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012105.D	1		08/22/19 12:51	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0061	U	0.0011	0.0061	mg/Kg
74-87-3	Chloromethane	0.0061	U	0.0022	0.0061	mg/Kg
75-01-4	Vinyl Chloride	0.0061	U	0.0014	0.0061	mg/Kg
74-83-9	Bromomethane	0.0061	U	0.00046	0.0061	mg/Kg
75-00-3	Chloroethane	0.0061	U	0.00071	0.0061	mg/Kg
75-69-4	Trichlorofluoromethane	0.0061	U	0.00079	0.0061	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0061	U	0.00098	0.0061	mg/Kg
75-65-0	Tert butyl alcohol	0.031	U	0.019	0.031	mg/Kg
75-35-4	1,1-Dichloroethene	0.0061	U	0.0012	0.0061	mg/Kg
67-64-1	Acetone	0.048		0.0094	0.031	mg/Kg
75-15-0	Carbon Disulfide	0.0013	J	0.0013	0.0061	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0061	U	0.0017	0.0061	mg/Kg
79-20-9	Methyl Acetate	0.0061	U	0.0034	0.0061	mg/Kg
75-09-2	Methylene Chloride	0.012	U	0.0064	0.012	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0061	U	0.0015	0.0061	mg/Kg
75-34-3	1,1-Dichloroethane	0.0061	U	0.0011	0.0061	mg/Kg
110-82-7	Cyclohexane	0.0061	U	0.0022	0.0061	mg/Kg
78-93-3	2-Butanone	0.013	J	0.0082	0.031	mg/Kg
56-23-5	Carbon Tetrachloride	0.0061	U	0.0010	0.0061	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0061	U	0.0012	0.0061	mg/Kg
74-97-5	Bromochloromethane	0.0061	U	0.0015	0.0061	mg/Kg
67-66-3	Chloroform	0.0061	U	0.0011	0.0061	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0061	U	0.0013	0.0061	mg/Kg
108-87-2	Methylcyclohexane	0.0061	U	0.0014	0.0061	mg/Kg
71-43-2	Benzene	0.0061	U	0.0010	0.0061	mg/Kg
107-06-2	1,2-Dichloroethane	0.0061	U	0.0015	0.0061	mg/Kg
79-01-6	Trichloroethene	0.0061	U	0.0011	0.0061	mg/Kg
78-87-5	1,2-Dichloropropane	0.0061	U	0.0015	0.0061	mg/Kg
75-27-4	Bromodichloromethane	0.0061	U	0.0012	0.0061	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.031	U	0.0069	0.031	mg/Kg
108-88-3	Toluene	0.0061	U	0.0012	0.0061	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0061	U	0.0012	0.0061	mg/Kg



### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-9.2-9.7	SDG No.:	K4421
Lab Sample ID:	K4421-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	5.01      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012105.D	1		08/22/19 12:51	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0061	U	0.0013	0.0061	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0061	U	0.0017	0.0061	mg/Kg
591-78-6	2-Hexanone	0.031	U	0.0090	0.031	mg/Kg
124-48-1	Dibromochloromethane	0.0061	U	0.0016	0.0061	mg/Kg
106-93-4	1,2-Dibromoethane	0.0061	U	0.0016	0.0061	mg/Kg
127-18-4	Tetrachloroethene	0.0061	U	0.00085	0.0061	mg/Kg
108-90-7	Chlorobenzene	0.0061	U	0.00097	0.0061	mg/Kg
100-41-4	Ethyl Benzene	0.0061	U	0.0010	0.0061	mg/Kg
179601-23-1	m/p-Xylenes	0.012	U	0.0020	0.012	mg/Kg
95-47-6	o-Xylene	0.0061	U	0.0013	0.0061	mg/Kg
100-42-5	Styrene	0.0061	U	0.0012	0.0061	mg/Kg
75-25-2	Bromoform	0.0061	U	0.0040	0.0061	mg/Kg
98-82-8	Isopropylbenzene	0.0061	U	0.0011	0.0061	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0061	U	0.0013	0.0061	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0061	U	0.0013	0.0061	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0061	U	0.0013	0.0061	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0061	U	0.0016	0.0061	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0061	U	0.0041	0.0061	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0061	U	0.0014	0.0061	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0061	U	0.0016	0.0061	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	54.1		56 - 120	108%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		57 - 135	108%	SPK: 50
2037-26-5	Toluene-d8	53.9		67 - 123	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		33 - 141	103%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	228000	7.95			
540-36-3	1,4-Difluorobenzene	378000	8.84			
3114-55-4	Chlorobenzene-d5	323000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.56			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-9.2-9.7	SDG No.:	K4421
Lab Sample ID:	K4421-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012105.D	1		08/22/19 12:51	VW082219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19		
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19		
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421		
Lab Sample ID:	K4421-07	Matrix:	SOIL		
Analytical Method:	8015D DRO	% Moisture:	21.4	Decanted:	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1 mL
Soil Aliquot Vol:			uL	Test:	Diesel Range Organics
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005688.D	2	08/21/19 08:10	08/22/19 13:03	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	55.0		2.12	4.24	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	6.32		37 - 130	63%	SPK: 20

## Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
E = Value Exceeds Calibration Range  
P = Indicates >25% difference for detected concentrations between the two GC columns  
Q = indicates LCS control criteria did not meet requirements  
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound  
\* = Values outside of QC limits  
D = Dilution  
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/20/19
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Moisture:	21.4 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022123.D	1	08/23/19 15:30	FB082319

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.017	J	0.015	0.057	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.6		50 - 150	98%	SPK: 20

Comments:

<p>U = Not Detected          LOQ = Limit of Quantitation          MDL = Method Detection Limit          LOD = Limit of Detection          E = Value Exceeds Calibration Range          P = Indicates &gt;25% difference for detected concentrations between the two GC columns          Q = indicates LCS control criteria did not meet requirements          M = MS/MSD acceptance criteria did not meet requirements</p>	<p>J = Estimated Value          B = Analyte Found in Associated Method Blank          N = Presumptive Evidence of a Compound          * = Values outside of QC limits          D = Dilution          S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.          () = Laboratory InHouse Limit</p>
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**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	21.4      Decanted:
Sample Wt/Vol:	30.06      Units: g	Final Vol:	10000      uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0      PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040490.D	1	08/21/19 13:10	08/21/19 20:04	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.022	U	0.0025	0.022	mg/Kg
11104-28-2	Aroclor-1221	0.022	U	0.0085	0.022	mg/Kg
11141-16-5	Aroclor-1232	0.022	U	0.0083	0.022	mg/Kg
53469-21-9	Aroclor-1242	0.022	U	0.0075	0.022	mg/Kg
12672-29-6	Aroclor-1248	0.022	U	0.0070	0.022	mg/Kg
11097-69-1	Aroclor-1254	0.022	U	0.0082	0.022	mg/Kg
37324-23-5	Aroclor-1262	0.022	U	0.0063	0.022	mg/Kg
11100-14-4	Aroclor-1268	0.022	U	0.0054	0.022	mg/Kg
11096-82-5	Aroclor-1260	0.022	U	0.0059	0.022	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	10.3		10 - 166	51%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.38	*	60 - 125	47%	SPK: 20

## Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected

concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19			
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/20/19			
Client Sample ID:	SUNSET-PARK-SB-4-COMPRES	SDG No.:	K4421			
Lab Sample ID:	K4421-07RE	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	21.4	Decanted:		
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040508.D	1	08/21/19 13:10	08/22/19 12:38	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.022	U	0.0025	0.022	mg/Kg
11104-28-2	Aroclor-1221	0.022	U	0.0085	0.022	mg/Kg
11141-16-5	Aroclor-1232	0.022	U	0.0083	0.022	mg/Kg
53469-21-9	Aroclor-1242	0.022	U	0.0075	0.022	mg/Kg
12672-29-6	Aroclor-1248	0.022	U	0.0070	0.022	mg/Kg
11097-69-1	Aroclor-1254	0.022	U	0.0082	0.022	mg/Kg
37324-23-5	Aroclor-1262	0.022	U	0.0063	0.022	mg/Kg
11100-14-4	Aroclor-1268	0.022	U	0.0054	0.022	mg/Kg
11096-82-5	Aroclor-1260	0.022	U	0.0059	0.022	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	13.9		10 - 166	70%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.40	*	60 - 125	47%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected

concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.02      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116463.D	1	08/21/19 08:20	08/21/19 14:08	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	0.42	U	0.063	0.42	mg/Kg
208-96-8	Acenaphthylene	0.42	U	0.076	0.42	mg/Kg
83-32-9	Acenaphthene	0.42	U	0.086	0.42	mg/Kg
86-73-7	Fluorene	0.42	U	0.065	0.42	mg/Kg
85-01-8	Phenanthrene	0.42	U	0.073	0.42	mg/Kg
120-12-7	Anthracene	0.42	U	0.071	0.42	mg/Kg
206-44-0	Fluoranthene	0.14	J	0.063	0.42	mg/Kg
129-00-0	Pyrene	0.13	J	0.077	0.42	mg/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.048	0.42	mg/Kg
218-01-9	Chrysene	0.42	U	0.054	0.42	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.11	J	0.062	0.42	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.42	U	0.072	0.42	mg/Kg
50-32-8	Benzo(a)pyrene	0.42	U	0.056	0.42	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.42	U	0.092	0.42	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.42	U	0.067	0.42	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.42	U	0.078	0.42	mg/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	72.4		31 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.0		39 - 123	78%	SPK: 100
1718-51-0	Terphenyl-d14	67.1		37 - 115	67%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.8			
1146-65-2	Naphthalene-d8	410000	8.07			
15067-26-2	Acenaphthene-d10	209000	9.83			
1517-22-2	Phenanthrene-d10	302000	11.32			
1719-03-5	Chrysene-d12	232000	13.96			
1520-96-3	Perylene-d12	187000	15.43			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.02      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116463.D	1	08/21/19 08:20	08/21/19 14:08	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-7.5-8.0	SDG No.:	K4421
Lab Sample ID:	K4421-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012055.D	1		08/21/19 02:33	VW082019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0058	U	0.0010	0.0058	mg/Kg
74-87-3	Chloromethane	0.0058	U	0.0021	0.0058	mg/Kg
75-01-4	Vinyl Chloride	0.0058	U	0.0013	0.0058	mg/Kg
74-83-9	Bromomethane	0.0058	U	0.00044	0.0058	mg/Kg
75-00-3	Chloroethane	0.0058	U	0.00066	0.0058	mg/Kg
75-69-4	Trichlorofluoromethane	0.0058	U	0.00074	0.0058	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0058	U	0.00092	0.0058	mg/Kg
75-65-0	Tert butyl alcohol	0.029	U	0.018	0.029	mg/Kg
75-35-4	1,1-Dichloroethene	0.0058	U	0.0011	0.0058	mg/Kg
67-64-1	Acetone	0.042		0.0088	0.029	mg/Kg
75-15-0	Carbon Disulfide	0.0045	J	0.0012	0.0058	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0058	U	0.0016	0.0058	mg/Kg
79-20-9	Methyl Acetate	0.0058	U	0.0032	0.0058	mg/Kg
75-09-2	Methylene Chloride	0.012	U	0.0060	0.012	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0058	U	0.0014	0.0058	mg/Kg
75-34-3	1,1-Dichloroethane	0.0058	U	0.0010	0.0058	mg/Kg
110-82-7	Cyclohexane	0.0058	U	0.0021	0.0058	mg/Kg
78-93-3	2-Butanone	0.011	J	0.0077	0.029	mg/Kg
56-23-5	Carbon Tetrachloride	0.0058	U	0.00095	0.0058	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0058	U	0.0011	0.0058	mg/Kg
74-97-5	Bromochloromethane	0.0058	U	0.0014	0.0058	mg/Kg
67-66-3	Chloroform	0.0058	U	0.00099	0.0058	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0058	U	0.0012	0.0058	mg/Kg
108-87-2	Methylcyclohexane	0.0058	U	0.0014	0.0058	mg/Kg
71-43-2	Benzene	0.0058	U	0.00096	0.0058	mg/Kg
107-06-2	1,2-Dichloroethane	0.0058	U	0.0014	0.0058	mg/Kg
79-01-6	Trichloroethene	0.0058	U	0.0011	0.0058	mg/Kg
78-87-5	1,2-Dichloropropane	0.0058	U	0.0014	0.0058	mg/Kg
75-27-4	Bromodichloromethane	0.0058	U	0.0011	0.0058	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.029	U	0.0064	0.029	mg/Kg
108-88-3	Toluene	0.0058	U	0.0011	0.0058	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0058	U	0.0012	0.0058	mg/Kg

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-7.5-8.0	SDG No.:	K4421
Lab Sample ID:	K4421-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012055.D	1		08/21/19 02:33	VW082019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0058	U	0.0012	0.0058	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0058	U	0.0016	0.0058	mg/Kg
591-78-6	2-Hexanone	0.029	U	0.0085	0.029	mg/Kg
124-48-1	Dibromochloromethane	0.0058	U	0.0015	0.0058	mg/Kg
106-93-4	1,2-Dibromoethane	0.0058	U	0.0015	0.0058	mg/Kg
127-18-4	Tetrachloroethene	0.0058	U	0.00080	0.0058	mg/Kg
108-90-7	Chlorobenzene	0.0058	U	0.00091	0.0058	mg/Kg
100-41-4	Ethyl Benzene	0.0058	U	0.00098	0.0058	mg/Kg
179601-23-1	m/p-Xylenes	0.012	U	0.0019	0.012	mg/Kg
95-47-6	o-Xylene	0.0058	U	0.0013	0.0058	mg/Kg
100-42-5	Styrene	0.0058	U	0.0011	0.0058	mg/Kg
75-25-2	Bromoform	0.0058	U	0.0038	0.0058	mg/Kg
98-82-8	Isopropylbenzene	0.0058	U	0.0010	0.0058	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0058	U	0.0013	0.0058	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0058	U	0.0012	0.0058	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0058	U	0.0012	0.0058	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0058	U	0.0015	0.0058	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0058	U	0.0038	0.0058	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0058	U	0.0013	0.0058	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0058	U	0.0015	0.0058	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	53.5		56 - 120	107%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		57 - 135	107%	SPK: 50
2037-26-5	Toluene-d8	53.2		67 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		33 - 141	102%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	252000	7.95			
540-36-3	1,4-Difluorobenzene	417000	8.84			
3114-55-4	Chlorobenzene-d5	351000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.56			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-7.5-8.0	SDG No.:	K4421
Lab Sample ID:	K4421-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012055.D	1		08/21/19 02:33	VW082019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-09	Matrix:	SOIL
Analytical Method:	8015D DRO	% Moisture:	10.5      Decanted:
Sample Wt/Vol:	30.01      Units: g	Final Vol:	1      mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005675.D	10	08/21/19 08:10	08/21/19 21:08	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	172		9.31	18.6	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	1.34		37 - 130	67%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Moisture:	10.5      Decanted:
Sample Wt/Vol:	5.07      Units: g	Final Vol:	5      mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022066.D	1	08/21/19 17:53	FB082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.028	J	0.013	0.050	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.8		50 - 150	84%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10.5      Decanted:
Sample Wt/Vol:	30.08      Units:    g	Final Vol:	10000      uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0      PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040491.D	1	08/21/19 13:10	08/21/19 20:18	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0075	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0073	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0066	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0061	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0072	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0056	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0048	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.018	JP	0.0051	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	13.1		10 - 166	65%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.7	*	60 - 125	58%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected

concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19			
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/20/19			
Client Sample ID:	SUNSET-PARK-SB-3-COMPRES	SDG No.:	K4421			
Lab Sample ID:	K4421-09RE	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	10.5	Decanted:		
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040509.D	1	08/21/19 13:10	08/22/19 12:52	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0075	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0073	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0066	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0061	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0072	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0056	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0048	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.019	JP	0.0051	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	15.6		10 - 166	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.1		60 - 125	61%	SPK: 20

## Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected

concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-09	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.5
Sample Wt/Vol:	30.06      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116462.D	5	08/21/19 08:20	08/21/19 13:41	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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**TARGETS**

91-20-3	Naphthalene	1.80	U	0.28	1.80	mg/Kg
208-96-8	Acenaphthylene	1.80	U	0.33	1.80	mg/Kg
83-32-9	Acenaphthene	0.98	J	0.38	1.80	mg/Kg
86-73-7	Fluorene	0.86	J	0.28	1.80	mg/Kg
85-01-8	Phenanthrene	5.60		0.32	1.80	mg/Kg
120-12-7	Anthracene	1.40	J	0.31	1.80	mg/Kg
206-44-0	Fluoranthene	4.20		0.28	1.80	mg/Kg
129-00-0	Pyrene	3.30		0.34	1.80	mg/Kg
56-55-3	Benzo(a)anthracene	1.70	J	0.21	1.80	mg/Kg
218-01-9	Chrysene	1.50	J	0.24	1.80	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.70	J	0.27	1.80	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.51	J	0.31	1.80	mg/Kg
50-32-8	Benzo(a)pyrene	1.30	J	0.25	1.80	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	J	0.40	1.80	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.80	U	0.29	1.80	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.52	J	0.34	1.80	mg/Kg

**SURROGATES**

4165-60-0	Nitrobenzene-d5	65.4		31 - 132	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.9		39 - 123	82%	SPK: 100
1718-51-0	Terphenyl-d14	73.6		37 - 115	74%	SPK: 100

**INTERNAL STANDARDS**

3855-82-1	1,4-Dichlorobenzene-d4	82400	6.79
1146-65-2	Naphthalene-d8	339000	8.07
15067-26-2	Acenaphthene-d10	181000	9.83
1517-22-2	Phenanthrene-d10	310000	11.32
1719-03-5	Chrysene-d12	240000	13.96
1520-96-3	Perylene-d12	242000	15.42



**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-09	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.5
Sample Wt/Vol:	30.06      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116462.D	5	08/21/19 08:20	08/21/19 13:41	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-8.0-8.5	SDG No.:	K4421
Lab Sample ID:	K4421-10	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012078.D	1		08/21/19 19:01	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0055	U	0.0010	0.0055	mg/Kg
74-87-3	Chloromethane	0.0055	U	0.0020	0.0055	mg/Kg
75-01-4	Vinyl Chloride	0.0055	U	0.0012	0.0055	mg/Kg
74-83-9	Bromomethane	0.0055	U	0.00042	0.0055	mg/Kg
75-00-3	Chloroethane	0.0055	U	0.00064	0.0055	mg/Kg
75-69-4	Trichlorofluoromethane	0.0055	U	0.00072	0.0055	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0055	U	0.00089	0.0055	mg/Kg
75-65-0	Tert butyl alcohol	0.028	U	0.017	0.028	mg/Kg
75-35-4	1,1-Dichloroethene	0.0055	U	0.0011	0.0055	mg/Kg
67-64-1	Acetone	0.025	J	0.0085	0.028	mg/Kg
75-15-0	Carbon Disulfide	0.0055	U	0.0012	0.0055	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0055	U	0.0015	0.0055	mg/Kg
79-20-9	Methyl Acetate	0.0055	U	0.0031	0.0055	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0058	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0055	U	0.0014	0.0055	mg/Kg
75-34-3	1,1-Dichloroethane	0.0055	U	0.0010	0.0055	mg/Kg
110-82-7	Cyclohexane	0.0037	J	0.0020	0.0055	mg/Kg
78-93-3	2-Butanone	0.028	U	0.0074	0.028	mg/Kg
56-23-5	Carbon Tetrachloride	0.0055	U	0.00091	0.0055	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0055	U	0.0011	0.0055	mg/Kg
74-97-5	Bromochloromethane	0.0055	U	0.0013	0.0055	mg/Kg
67-66-3	Chloroform	0.0055	U	0.00096	0.0055	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0055	U	0.0012	0.0055	mg/Kg
108-87-2	Methylcyclohexane	0.0040	J	0.0013	0.0055	mg/Kg
71-43-2	Benzene	0.0055	U	0.00093	0.0055	mg/Kg
107-06-2	1,2-Dichloroethane	0.0055	U	0.0013	0.0055	mg/Kg
79-01-6	Trichloroethene	0.0055	U	0.0010	0.0055	mg/Kg
78-87-5	1,2-Dichloropropane	0.0055	U	0.0014	0.0055	mg/Kg
75-27-4	Bromodichloromethane	0.0055	U	0.0011	0.0055	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.028	U	0.0062	0.028	mg/Kg
108-88-3	Toluene	0.0055	U	0.0011	0.0055	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0055	U	0.0011	0.0055	mg/Kg

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-8.0-8.5	SDG No.:	K4421
Lab Sample ID:	K4421-10	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	5.1      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012078.D	1		08/21/19 19:01	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0055	U	0.0012	0.0055	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0055	U	0.0016	0.0055	mg/Kg
591-78-6	2-Hexanone	0.028	U	0.0082	0.028	mg/Kg
124-48-1	Dibromochloromethane	0.0055	U	0.0015	0.0055	mg/Kg
106-93-4	1,2-Dibromoethane	0.0055	U	0.0014	0.0055	mg/Kg
127-18-4	Tetrachloroethene	0.0055	U	0.00077	0.0055	mg/Kg
108-90-7	Chlorobenzene	0.0055	U	0.00087	0.0055	mg/Kg
100-41-4	Ethyl Benzene	0.0055	U	0.00095	0.0055	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0018	0.011	mg/Kg
95-47-6	o-Xylene	0.0055	U	0.0012	0.0055	mg/Kg
100-42-5	Styrene	0.0055	U	0.0011	0.0055	mg/Kg
75-25-2	Bromoform	0.0055	U	0.0036	0.0055	mg/Kg
98-82-8	Isopropylbenzene	0.0055	U	0.00096	0.0055	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0055	U	0.0012	0.0055	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0055	U	0.0012	0.0055	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0055	U	0.0012	0.0055	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0055	U	0.0014	0.0055	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0055	U	0.0037	0.0055	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0055	U	0.0012	0.0055	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0055	U	0.0014	0.0055	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	53.3		56 - 120	107%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		57 - 135	108%	SPK: 50
2037-26-5	Toluene-d8	53.3		67 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		33 - 141	97%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	242000	7.95			
540-36-3	1,4-Difluorobenzene	404000	8.84			
3114-55-4	Chlorobenzene-d5	337000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.56			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-8.0-8.5	SDG No.:	K4421
Lab Sample ID:	K4421-10	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	11.5
Sample Wt/Vol:	5.1      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012078.D	1		08/21/19 19:01	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-11	Matrix:	SOIL
Analytical Method:	8015D DRO	% Moisture:	8.2      Decanted:
Sample Wt/Vol:	30.08      Units: g	Final Vol:	1      mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005674.D	10	08/21/19 08:10	08/21/19 20:38	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	195		9.05	18.2	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	1.31		37 - 130	66%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-11	Matrix:	SOIL
Analytical Method:	8015D GRO	% Moisture:	8.2      Decanted:
Sample Wt/Vol:	5.01      Units: g	Final Vol:	5      mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022067.D	1	08/21/19 18:24	FB082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.036	J	0.013	0.049	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	12.6		50 - 150	63%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8.2      Decanted:
Sample Wt/Vol:	30.03      Units:    g	Final Vol:	10000      uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0                      PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040492.D	1	08/21/19 13:10	08/21/19 20:33	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0073	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0071	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0064	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0060	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0070	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0054	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0046	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.075	P	0.0050	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	14.8		10 - 166	74%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.5		60 - 125	63%	SPK: 20

## Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected

concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19			
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/20/19			
Client Sample ID:	SUNSET-PARK-SB-2-COMPRES	SDG No.:	K4421			
Lab Sample ID:	K4421-11RE	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	8.2	Decanted:		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040510.D	1	08/21/19 13:10	08/22/19 13:07	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0073	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0071	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0064	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0060	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0070	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0054	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0046	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.082	P	0.0050	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	15.5		10 - 166	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.3		60 - 125	61%	SPK: 20

## Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
E = Value Exceeds Calibration Range  
P = Indicates >25% difference for detected concentrations between the two GC columns  
Q = indicates LCS control criteria did not meet requirements  
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound  
\* = Values outside of QC limits  
D = Dilution  
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
( ) = Laboratory InHouse Limit



### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-11	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	8.2
Sample Wt/Vol:	30.09      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116461.D	5	08/21/19 08:20	08/21/19 13:14	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	1.80	U	0.27	1.80	mg/Kg
208-96-8	Acenaphthylene	1.80	U	0.33	1.80	mg/Kg
83-32-9	Acenaphthene	1.80	U	0.37	1.80	mg/Kg
86-73-7	Fluorene	1.80	U	0.28	1.80	mg/Kg
85-01-8	Phenanthrene	1.80	U	0.31	1.80	mg/Kg
120-12-7	Anthracene	1.80	U	0.30	1.80	mg/Kg
206-44-0	Fluoranthene	0.68	J	0.27	1.80	mg/Kg
129-00-0	Pyrene	0.75	J	0.33	1.80	mg/Kg
56-55-3	Benzo(a)anthracene	0.40	J	0.20	1.80	mg/Kg
218-01-9	Chrysene	0.41	J	0.23	1.80	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.55	J	0.26	1.80	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.80	U	0.31	1.80	mg/Kg
50-32-8	Benzo(a)pyrene	0.37	J	0.24	1.80	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.80	U	0.39	1.80	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.80	U	0.28	1.80	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.80	U	0.33	1.80	mg/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	59.7		31 - 132	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.2		39 - 123	74%	SPK: 100
1718-51-0	Terphenyl-d14	67.2		37 - 115	67%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	88100	6.79			
1146-65-2	Naphthalene-d8	362000	8.07			
15067-26-2	Acenaphthene-d10	194000	9.83			
1517-22-2	Phenanthrene-d10	331000	11.32			
1719-03-5	Chrysene-d12	234000	13.96			
1520-96-3	Perylene-d12	248000	15.42			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-11	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	8.2
Sample Wt/Vol:	30.09      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF116461.D	5	08/21/19 08:20	08/21/19 13:14	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-9.5-10.0	SDG No.:	K4421
Lab Sample ID:	K4421-12	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	8.5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012079.D	1		08/21/19 19:26	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0055	U	0.00099	0.0055	mg/Kg
74-87-3	Chloromethane	0.0055	U	0.0019	0.0055	mg/Kg
75-01-4	Vinyl Chloride	0.0055	U	0.0012	0.0055	mg/Kg
74-83-9	Bromomethane	0.0055	U	0.00041	0.0055	mg/Kg
75-00-3	Chloroethane	0.0055	U	0.00063	0.0055	mg/Kg
75-69-4	Trichlorofluoromethane	0.0055	U	0.00071	0.0055	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0055	U	0.00088	0.0055	mg/Kg
75-65-0	Tert butyl alcohol	0.027	U	0.017	0.027	mg/Kg
75-35-4	1,1-Dichloroethene	0.0055	U	0.0011	0.0055	mg/Kg
67-64-1	Acetone	0.027	U	0.0084	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0055	U	0.0012	0.0055	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0055	U	0.0015	0.0055	mg/Kg
79-20-9	Methyl Acetate	0.0055	U	0.0031	0.0055	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0057	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0055	U	0.0014	0.0055	mg/Kg
75-34-3	1,1-Dichloroethane	0.0055	U	0.00099	0.0055	mg/Kg
110-82-7	Cyclohexane	0.0055	U	0.0020	0.0055	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0073	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.0055	U	0.00090	0.0055	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0055	U	0.0011	0.0055	mg/Kg
74-97-5	Bromochloromethane	0.0055	U	0.0013	0.0055	mg/Kg
67-66-3	Chloroform	0.0055	U	0.00094	0.0055	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0055	U	0.0012	0.0055	mg/Kg
108-87-2	Methylcyclohexane	0.0055	U	0.0013	0.0055	mg/Kg
71-43-2	Benzene	0.0055	U	0.00092	0.0055	mg/Kg
107-06-2	1,2-Dichloroethane	0.0055	U	0.0013	0.0055	mg/Kg
79-01-6	Trichloroethene	0.0055	U	0.0010	0.0055	mg/Kg
78-87-5	1,2-Dichloropropane	0.0055	U	0.0014	0.0055	mg/Kg
75-27-4	Bromodichloromethane	0.0055	U	0.0011	0.0055	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.027	U	0.0061	0.027	mg/Kg
108-88-3	Toluene	0.0055	U	0.0011	0.0055	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0055	U	0.0011	0.0055	mg/Kg

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-9.5-10.0	SDG No.:	K4421
Lab Sample ID:	K4421-12	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	8.5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012079.D	1		08/21/19 19:26	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0055	U	0.0012	0.0055	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0055	U	0.0016	0.0055	mg/Kg
591-78-6	2-Hexanone	0.027	U	0.0081	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0055	U	0.0014	0.0055	mg/Kg
106-93-4	1,2-Dibromoethane	0.0055	U	0.0014	0.0055	mg/Kg
127-18-4	Tetrachloroethene	0.0055	U	0.00076	0.0055	mg/Kg
108-90-7	Chlorobenzene	0.0055	U	0.00086	0.0055	mg/Kg
100-41-4	Ethyl Benzene	0.0055	U	0.00093	0.0055	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0018	0.011	mg/Kg
95-47-6	o-Xylene	0.0055	U	0.0012	0.0055	mg/Kg
100-42-5	Styrene	0.0055	U	0.0011	0.0055	mg/Kg
75-25-2	Bromoform	0.0055	U	0.0036	0.0055	mg/Kg
98-82-8	Isopropylbenzene	0.0055	U	0.00095	0.0055	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0055	U	0.0012	0.0055	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0055	U	0.0012	0.0055	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0055	U	0.0012	0.0055	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0055	U	0.0014	0.0055	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0055	U	0.0036	0.0055	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0055	U	0.0012	0.0055	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0055	U	0.0014	0.0055	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	51.9		56 - 120	104%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		57 - 135	109%	SPK: 50
2037-26-5	Toluene-d8	53.2		67 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.8		33 - 141	92%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	178000	7.95			
540-36-3	1,4-Difluorobenzene	285000	8.84			
3114-55-4	Chlorobenzene-d5	231000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	92700	13.56			

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-9.5-10.0	SDG No.:	K4421
Lab Sample ID:	K4421-12	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	8.5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012079.D	1		08/21/19 19:26	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-13	Matrix:	SOIL
Analytical Method:	8015D DRO	% Moisture:	8.6      Decanted:
Sample Wt/Vol:	30.06      Units: g	Final Vol:	1      mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG005671.D	1	08/21/19 08:10	08/21/19 19:05	PB122422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
DRO	DRO	27.2		0.91	1.82	mg/Kg
<b>SURROGATES</b>						
16416-32-3	Tetracosane-d50	15.4		37 - 130	77%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Moisture:	8.6      Decanted:
Sample Wt/Vol:	4.99      Units: g	Final Vol:	5      mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB022068.D	1	08/21/19 18:55	FB082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	0.019	J	0.013	0.049	mg/Kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	12.7		50 - 150	64%	SPK: 20

Comments:

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MDL = Method Detection Limit

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8.6      Decanted:
Sample Wt/Vol:	30.09      Units: g	Final Vol:	10000      uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0      PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040493.D	1	08/21/19 13:10	08/21/19 20:47	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0073	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0071	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0064	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0060	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0070	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0054	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0047	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.021		0.0050	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	12.8		10 - 166	64%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.1		60 - 125	66%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19	
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/20/19	
Client Sample ID:	SUNSET-PARK-SB-1-COMPRES	SDG No.:	K4421	
Lab Sample ID:	K4421-13RE	Matrix:	SOIL	
Analytical Method:	SW8082A	% Moisture:	8.6	Decanted:
Sample Wt/Vol:	30.09      Units:      g	Final Vol:	10000      uL	
Soil Aliquot Vol:	uL	Test:	PCB	
Extraction Type:		Injection Volume :		
GPC Factor :	1.0	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR040511.D	1	08/21/19 13:10	08/22/19 13:21	PB122439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	0.019	U	0.0022	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.019	U	0.0073	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.019	U	0.0071	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.019	U	0.0064	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.019	U	0.0060	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.019	U	0.0070	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.019	U	0.0054	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.019	U	0.0047	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.023		0.0050	0.019	mg/Kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	15.1		10 - 166	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.4		60 - 125	67%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-13	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	8.6
Sample Wt/Vol:	30.02      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM022230.D	1	08/21/19 08:20	08/21/19 15:43	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
91-20-3	Naphthalene	0.36	U	0.054	0.36	mg/Kg
208-96-8	Acenaphthylene	0.36	U	0.066	0.36	mg/Kg
83-32-9	Acenaphthene	0.36	U	0.074	0.36	mg/Kg
86-73-7	Fluorene	0.36	U	0.056	0.36	mg/Kg
85-01-8	Phenanthrene	0.20	J	0.062	0.36	mg/Kg
120-12-7	Anthracene	0.36	U	0.061	0.36	mg/Kg
206-44-0	Fluoranthene	0.22	J	0.054	0.36	mg/Kg
129-00-0	Pyrene	0.20	J	0.067	0.36	mg/Kg
56-55-3	Benzo(a)anthracene	0.11	J	0.041	0.36	mg/Kg
218-01-9	Chrysene	0.11	J	0.047	0.36	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	J	0.053	0.36	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.062	0.36	mg/Kg
50-32-8	Benzo(a)pyrene	0.098	J	0.049	0.36	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.36	U	0.079	0.36	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.36	U	0.057	0.36	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.084	J	0.067	0.36	mg/Kg

**SURROGATES**

4165-60-0	Nitrobenzene-d5	65.3	31 - 132	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.2	39 - 123	65%	SPK: 100
1718-51-0	Terphenyl-d14	60.6	37 - 115	61%	SPK: 100

**INTERNAL STANDARDS**

3855-82-1	1,4-Dichlorobenzene-d4	33200	7.56
1146-65-2	Naphthalene-d8	129000	10.34
15067-26-2	Acenaphthene-d10	76300	14.22
1517-22-2	Phenanthrene-d10	146000	16.99
1719-03-5	Chrysene-d12	148000	21.19
1520-96-3	Perylene-d12	173000	23.39

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-13	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	8.6
Sample Wt/Vol:	30.02      Units: g	Final Vol:	1000      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N      PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM022230.D	1	08/21/19 08:20	08/21/19 15:43	PB122424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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J = Estimated Value

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-9.0-9.5	SDG No.:	K4421
Lab Sample ID:	K4421-14	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	7.6
Sample Wt/Vol:	5.05      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012080.D	1		08/21/19 19:52	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	0.0054	U	0.00097	0.0054	mg/Kg
74-87-3	Chloromethane	0.0054	U	0.0019	0.0054	mg/Kg
75-01-4	Vinyl Chloride	0.0054	U	0.0012	0.0054	mg/Kg
74-83-9	Bromomethane	0.0054	U	0.00041	0.0054	mg/Kg
75-00-3	Chloroethane	0.0054	U	0.00062	0.0054	mg/Kg
75-69-4	Trichlorofluoromethane	0.0054	U	0.00069	0.0054	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0054	U	0.00086	0.0054	mg/Kg
75-65-0	Tert butyl alcohol	0.027	U	0.016	0.027	mg/Kg
75-35-4	1,1-Dichloroethene	0.0054	U	0.0011	0.0054	mg/Kg
67-64-1	Acetone	0.027	U	0.0082	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0054	U	0.0011	0.0054	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0054	U	0.0015	0.0054	mg/Kg
79-20-9	Methyl Acetate	0.0054	U	0.0030	0.0054	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0056	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0054	U	0.0013	0.0054	mg/Kg
75-34-3	1,1-Dichloroethane	0.0054	U	0.00097	0.0054	mg/Kg
110-82-7	Cyclohexane	0.0054	U	0.0019	0.0054	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0071	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.0054	U	0.00088	0.0054	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0054	U	0.0011	0.0054	mg/Kg
74-97-5	Bromochloromethane	0.0054	U	0.0013	0.0054	mg/Kg
67-66-3	Chloroform	0.0054	U	0.00093	0.0054	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0054	U	0.0011	0.0054	mg/Kg
108-87-2	Methylcyclohexane	0.0054	U	0.0013	0.0054	mg/Kg
71-43-2	Benzene	0.0054	U	0.00090	0.0054	mg/Kg
107-06-2	1,2-Dichloroethane	0.0054	U	0.0013	0.0054	mg/Kg
79-01-6	Trichloroethene	0.0054	U	0.0010	0.0054	mg/Kg
78-87-5	1,2-Dichloropropane	0.0054	U	0.0013	0.0054	mg/Kg
75-27-4	Bromodichloromethane	0.0054	U	0.0011	0.0054	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.027	U	0.0060	0.027	mg/Kg
108-88-3	Toluene	0.0054	U	0.0010	0.0054	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0054	U	0.0011	0.0054	mg/Kg

### Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-9.0-9.5	SDG No.:	K4421
Lab Sample ID:	K4421-14	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	7.6
Sample Wt/Vol:	5.05      Units: g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624      ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch IE
VW012080.D	1		08/21/19 19:52	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-01-5	cis-1,3-Dichloropropene	0.0054	U	0.0011	0.0054	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0054	U	0.0015	0.0054	mg/Kg
591-78-6	2-Hexanone	0.027	U	0.0079	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0054	U	0.0014	0.0054	mg/Kg
106-93-4	1,2-Dibromoethane	0.0054	U	0.0014	0.0054	mg/Kg
127-18-4	Tetrachloroethene	0.0054	U	0.00074	0.0054	mg/Kg
108-90-7	Chlorobenzene	0.0054	U	0.00084	0.0054	mg/Kg
100-41-4	Ethyl Benzene	0.0054	U	0.00091	0.0054	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0018	0.011	mg/Kg
95-47-6	o-Xylene	0.0054	U	0.0012	0.0054	mg/Kg
100-42-5	Styrene	0.0054	U	0.0011	0.0054	mg/Kg
75-25-2	Bromoform	0.0054	U	0.0035	0.0054	mg/Kg
98-82-8	Isopropylbenzene	0.0054	U	0.00093	0.0054	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0054	U	0.0012	0.0054	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0054	U	0.0011	0.0054	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0054	U	0.0011	0.0054	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0054	U	0.0014	0.0054	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0054	U	0.0036	0.0054	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0054	U	0.0012	0.0054	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0054	U	0.0014	0.0054	mg/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	54.9		56 - 120	110%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		57 - 135	109%	SPK: 50
2037-26-5	Toluene-d8	53.1		67 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		33 - 141	96%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	251000	7.95			
540-36-3	1,4-Difluorobenzene	425000	8.84			
3114-55-4	Chlorobenzene-d5	353000	11.63			
3855-82-1	1,4-Dichlorobenzene-d4	144000	13.56			

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OECS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-9.0-9.5	SDG No.:	K4421
Lab Sample ID:	K4421-14	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	7.6
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VW012080.D	1		08/21/19 19:52	VW082119

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 09:40
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-15	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	10.6	H	1	0	0	pH		08/20/19 16:21	9045D
Ignitability	NO		1	0	0	oC		08/21/19 10:40	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:15	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:43	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:40	9034

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-7-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-15	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.10	U	1	0.0068	0.10	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010
7440-39-3	Barium	0.96	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010
7440-43-9	Cadmium	0.0021	J	1	0.0017	0.030	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010
7440-47-3	Chromium	0.015	J	1	0.013	0.050	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010
7439-92-1	Lead	0.31		1	0.014	0.060	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:11	SW7470A
7782-49-2	Selenium	0.043	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/21/19 17:16	SW6010

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Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits



**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 10:20
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-16	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	10.2	H	1	0	0	pH		08/20/19 16:24	9045D
Ignitability	NO		1	0	0	oC		08/21/19 10:48	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:22	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:43	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:42	9034

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-6-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-16	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.10	U	1	0.0068	0.10	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010
7440-39-3	Barium	1.43	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010
7440-43-9	Cadmium	0.0021	J	1	0.0017	0.030	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010
7440-47-3	Chromium	0.016	J	1	0.013	0.050	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010
7439-92-1	Lead	0.70		1	0.014	0.060	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:13	SW7470A
7782-49-2	Selenium	0.047	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/21/19 17:19	SW6010

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Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 10:55
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-17	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.20	H	1	0	0	pH		08/20/19 16:25	9045D
Ignitability	NO		1	0	0	oC		08/21/19 10:55	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:30	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:50	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:45	9034

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-5-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-17	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.044	J	1	0.0068	0.10	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010
7440-39-3	Barium	2.01	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010
7440-43-9	Cadmium	0.030	U	1	0.0017	0.030	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010
7440-47-3	Chromium	0.050	U	1	0.013	0.050	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010
7439-92-1	Lead	0.044	J	1	0.014	0.060	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:19	SW7470A
7782-49-2	Selenium	0.074	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/21/19 17:23	SW6010

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Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
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 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 11:30
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-18	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.07	H	1	0	0	pH		08/20/19 16:27	9045D
Ignitability	NO		1	0	0	oC		08/21/19 11:05	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:38	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:50	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:48	9034

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-4-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-18	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.10	U	1	0.0068	0.10	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010
7440-39-3	Barium	1.62	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010
7440-43-9	Cadmium	0.0045	J	1	0.0017	0.030	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010
7440-47-3	Chromium	0.050	U	1	0.013	0.050	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010
7439-92-1	Lead	1.63		1	0.014	0.060	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:21	SW7470A
7782-49-2	Selenium	0.057	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/21/19 17:27	SW6010

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Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

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U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 12:10
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-19	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.81	H	1	0	0	pH		08/20/19 16:30	9045D
Ignitability	NO		1	0	0	oC		08/21/19 11:12	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:45	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:50	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:52	9034

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-3-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-19	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.10	U	1	0.0068	0.10	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010
7440-39-3	Barium	1.77	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010
7440-43-9	Cadmium	0.0034	J	1	0.0017	0.030	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010
7440-47-3	Chromium	0.050	U	1	0.013	0.050	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010
7439-92-1	Lead	0.22		1	0.014	0.060	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:23	SW7470A
7782-49-2	Selenium	0.051	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/21/19 17:31	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits



**Report of Analysis**

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 12:40
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-20	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	10.0	H	1	0	0	pH		08/20/19 16:32	9045D
Ignitability	NO		1	0	0	oC		08/21/19 11:20	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:48	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:50	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:55	9034

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-2-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-20	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.10	U	1	0.0068	0.10	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010
7440-39-3	Barium	1.34	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010
7440-43-9	Cadmium	0.0052	J	1	0.0017	0.030	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010
7440-47-3	Chromium	0.050	U	1	0.013	0.050	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010
7439-92-1	Lead	0.11		1	0.014	0.060	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:25	SW7470A
7782-49-2	Selenium	0.047	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/22/19 11:18	SW6010

---

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

---

U = Not Detected  
 LOQ = Limit of Quantitation  
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 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19 13:20
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-21	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.94	H	1	0	0	pH		08/20/19 16:34	9045D
Ignitability	NO		1	0	0	oC		08/21/19 11:28	1030
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/21/19 12:55	9095B
Reactive Cyanide	0.050	U	1	0.050	0.050	mg/Kg	08/21/19 10:30	08/22/19 11:50	9012B
Reactive Sulfide	10.0	U	1	10.0	10.0	mg/Kg	08/21/19 12:30	08/21/19 14:58	9034

Comments:

U = Not Detected

H = Sample Analysis Out Of Hold Time

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

**Report of Analysis**

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Client:	LiRo Engineers, Inc.	Date Collected:	08/19/19
Project:	DDC OEGS - Sunset Park Phase II SCI	Date Received:	08/19/19
Client Sample ID:	SUNSET-PARK-SB-1-COMP	SDG No.:	K4421
Lab Sample ID:	K4421-21	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	0.016	J	1	0.0068	0.10	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010
7440-39-3	Barium	1.98	N	1	0.040	0.50	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010
7440-43-9	Cadmium	0.0045	J	1	0.0017	0.030	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010
7440-47-3	Chromium	0.050	U	1	0.013	0.050	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010
7439-92-1	Lead	0.12		1	0.014	0.060	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010
7439-97-6	Mercury	0.0020	U	1	0.00043	0.0020	mg/L	08/21/19 15:12	08/22/19 11:28	SW7470A
7782-49-2	Selenium	0.028	J	1	0.028	0.10	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010
7440-22-4	Silver	0.050	U	1	0.0017	0.050	mg/L	08/21/19 10:02	08/22/19 11:21	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	Clear
Color After:	Colorless	Clarity After:	Clear	Artifacts:	Clear
Comments:	TCLP METALS				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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D = Dilution

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OR = Over Range

**Report of Analysis**

N =Spiked sample recovery not within control limits

**Appendix B**  
**Field Book Contents**

Project: SAND1048		Appleton Corporation	Drilling Method: Push
Brooklyn, Brooklyn		151 S. Mountain Road	Field Manager: Nathan Paul
		New City, NY 10956	Weather: Rainstorms

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification	Notes	
Date: 5/14/25		Start: 9:33am	Finish: 9:50	Location: 2nd Avenue b/w 37 <sup>th</sup> St & 39 <sup>th</sup> St	SB-1
1			Fill Misc. urban debris		
2					
3					
4			Brown silty sand f-m-c some gravel		
5					
6			// f-m silty sand //		
7					
8			BT@ 7ftbg		
9					
10					
11					
12					
13					

Date: 5/14/25		Start: 10am	Finish: 10:09am	Location: Intersection of 37 <sup>th</sup> St & 2nd Ave	SB-2
1			fill misc. urban debris		
2					
3			Dark Brown f-m silty, clayey sand		
4			Some gravel		
5					
6			Brown clay silty //		
7					
8					
9			Dark Brown f-m silty clayey sand //		
10					
11			BT@ 10ftbg		
12					
13					




Project: SAND1048  
 Brooklyn, Brooklyn



Applemon Corporation  
 151 S. Mountain Road  
 New City, NY 10956

Drilling Method: Push  
 Field Manager: Nathan Paul  
 Weather: Rainstorm S

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification			Notes
Date: 5/14/25		Start: 10:22	Finish: 11:05	Location: Intersection of 36 <sup>th</sup> St & 2nd Ave		SB-3
1			<p>Misc. Fill</p> <hr/> <p>6" retrieval          Brown fine clayey sand &amp; gravel</p> <hr/> <p>BT @ 11-ft bg</p>			<p>Extended 2-ft          not enough soil</p>
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
Date: 5/14/25		Start: 11:15am	Finish: 11:30	Location: +35 St & 2nd Ave		SB-4
1			<p>Fill</p> <hr/> <p>Brown Sandy Silty clay some gravel</p> <hr/> <p>BT @ 10ft bg</p>			<p>1st attempt -          refusal @ 7ft</p>
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						

Project: SAND1048		Applemon Corporation	Drilling Method: Push
Brooklyn, Brooklyn		151 S. Mountain Road New City, NY 10956	Field Manager: Nathan Paul
			Weather: Rain storms

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification			Notes
Date: 5/14/25		Start: 11:39	Finish: 11:47	Location: + 34th & 2nd Ave		SB-5
1			<p style="text-align: center;">Fill</p> <hr/> <p style="text-align: center;">Dark Brown silty sandy clay some gravel</p> <hr/> <p style="text-align: center;">BT @ 10ft bg</p>			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						

Date: 5/14/25		Start: 11:54	Finish: 12:02	Location: + 34th & 2nd Ave		SB-6
1			<p style="text-align: center;">fill</p> <hr/> <p style="text-align: center;">Brown silty sandy clay some gravel</p> <hr/> <p style="text-align: center;">BT @ 10ft bg</p>			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						


Project: SAND1048  
 Brooklyn, Brooklyn



Applemon Corporation  
 151 S. Mountain Road  
 New City, NY 10956

Drilling Method: Push  
 Field Manager: Nathan Paul  
 Weather: Rainstorm

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification	Notes	
Date: 5/14/25		Start: 12:09pm	Finish: 12:30pm	Location: Inter section of 33rd St & 2nd Ave	SB-7
1			<p>Fill - misc. urban debris</p> <hr/> <p>Black wood &amp; debris            Silty, clayey</p> <hr/> <p>BT@11ftbg</p>		
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
Date: 5/14/25		Start: 1:34pm	Finish:	Location: Intersection of 32nd St & 2nd Ave	SB-8
1			<p>Fill - misc. urban debris</p> <hr/> <p>Gray wood &amp; debris            Silty, clayey</p> <hr/> <p>BT@10ftbg</p>		
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

Project: SAND1048		Applemon Corporation	Drilling Method: Push
Brooklyn, Brooklyn		151 S. Mountain Road	Field Manager: Nathan Paul
		New City, NY 10956	Weather: Rain storms

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification			Notes
Date: 5/14/25	Start: 1:53pm	Finish: 2:03pm	Location: 2nd Ave b/w #850 & 830 3rd Ave		SB- 9	
1			1:53pm			
2			Fill Misc. Urban debris			
3						
4						
5						
6						
7						
8			Fill //			
9						
10						
11			BT @ 10ft bg			
12						
13						

Date: 5/15/25	Start: 9:15am	Finish: 9:30	Location: 2nd Ave next to #830 3rd Ave		SB- 10	
1						
2						
3			Fill Dark Brown silty, clayey fine sand			
4						
5						
6						
7						
8			// //			
9						
10						
11			BT @ 10ft bg			
12						
13						

Project: SAND1048  
 Brooklyn, Brooklyn



Applemon Corporation  
 151 S. Mountain Road  
 New City, NY 10956

Drilling Method: Push  
 Field Manager: Nathan Paul  
 Weather: Overcast

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification			Notes
Date: 5/15/25		Start: 9:30am	Finish: 9:37am	Location: Intersection of 29 <sup>th</sup> St & 2 <sup>nd</sup> Ave		SB-11
1			Brown Fill			
2						
3						
4						
5						
6			Black Fill & silty, clayey urban debris			
7						
8						
9						
10						
11			BT@10ftbg			
12						
13						
Date: 5/15/25		Start: 9:44am	Finish: 9:48am	Location: North of Parking lot to Detention center		SB-12
1			Dark Brown Fill			
2						
3						
4			Red-Brown sandy clay, some gravel			
5						
6			BT@5ftbg			
7						
8						
9						
10						
11						
12						
13						

Project: SAND1048  
 Brooklyn, Brooklyn



Applemon Corporation  
 151 S. Mountain Road  
 New City, NY 10956

Drilling Method: Push  
 Field Manager: Nathan Paul  
 Weather: Overcast

Depth (ft)	Sample	PID (ppm)	Soil Description/Classification			Notes
Date: 5/15/25		Start: 9:15am	Finish: 10:03am	Location: In front of Parking lot - Detention Center		SB-13
1			Brown fill f-m-c silty sand			
2						
3						
4						
5						
6						
7						
8			Dark Brown f-m clayey sand			Some gravel
9						
10						
11			BT@10ft by			
12						
13						
Date: 5/15/25		Start: 10:13am	Finish: 10:16am	Location: ~100ft NW of 3rd Ave		SB-14
1			road subbase			
2						
3						
4			Red-Brown clayey sand f-m			Some gravel
5						
6			BT@ 5ft by			
7						
8						
9						
10						
11						
12						
13						

**Appendix C**  
**Laboratory Qualifications**

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2026  
Issued April 01, 2025

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**MS. CATHERINE L. MOSHER**  
**YORK ANALYTICAL LABORATORIES INC**  
**120 RESEARCH DRIVE**  
**STRATFORD, CT 06615**

**NY Lab Id No: 10854**

*is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards (2016) for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Acrylates**

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
Acrylonitrile	EPA 8260D
	EPA 8260C
Methyl methacrylate	EPA 8260D
	EPA 8260C

**Amines**

1,2-Diphenylhydrazine	EPA 8270D
	EPA 8270E
2-Nitroaniline	EPA 8270D
	EPA 8270E
3-Nitroaniline	EPA 8270D
	EPA 8270E
4-Chloroaniline	EPA 8270D
	EPA 8270E
4-Nitroaniline	EPA 8270D
	EPA 8270E
Aniline	EPA 8270D
	EPA 8270E
Carbazole	EPA 8270D
	EPA 8270E
Diphenylamine	EPA 8270D
	EPA 8270E

**Benzidines**

3,3'-Dichlorobenzidine	EPA 8270D
	EPA 8270E

**Serial No.: 70286**

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to [elap@health.ny.gov](mailto:elap@health.ny.gov).





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All approved analytes are listed below:*

**Benzidines**

Benzidine	EPA 8270D
	EPA 8270E

**Characteristic Testing**

Corrosivity (pH)	EPA 9045D
Free Liquids	EPA 9095B
Ignitability	EPA 1010A
Synthetic Precipitation Leaching Proc.	EPA 1312
TCLP	EPA 1311

**Chlorinated Hydrocarbon Pesticides**

4,4'-DDD	EPA 8081B
4,4'-DDE	EPA 8081B
4,4'-DDT	EPA 8081B
Aldrin	EPA 8081B
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B
Atrazine	EPA 8270D
	EPA 8270E
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
delta-BHC	EPA 8081B
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B
Endrin aldehyde	EPA 8081B



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Chlorinated Hydrocarbon Pesticides**

Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Mirex	EPA 8081B
Toxaphene	EPA 8081B

**Chlorinated Hydrocarbons**

1,2,3-Trichlorobenzene	EPA 8260D	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D	EPA 8270E
1,2,4-Trichlorobenzene	EPA 8270D	EPA 8270E
2-Chloronaphthalene	EPA 8270D	EPA 8270E
Hexachlorobenzene	EPA 8270D	EPA 8270E
Hexachlorobutadiene	EPA 8270D	EPA 8270E
Hexachlorocyclopentadiene	EPA 8270D	EPA 8270E
Hexachloroethane	EPA 8270D	EPA 8270E



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Chlorophenoxy Acid Pesticides**

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

**Haloethers**

2,2'-Oxybis(1-chloropropane)	EPA 8270D	EPA 8270E
4-Bromophenylphenyl ether	EPA 8270D	EPA 8270E
4-Chlorophenylphenyl ether	EPA 8270D	EPA 8270E
Bis(2-chloroethoxy)methane	EPA 8270D	EPA 8270E
Bis(2-chloroethyl)ether	EPA 8270D	EPA 8270E

**Metals I**

Barium, Total	EPA 6010C	EPA 6010D		
Cadmium, Total	EPA 6010C	EPA 6010D	EPA 6020A	EPA 6020B
Calcium, Total	EPA 6010C	EPA 6010D		
Chromium, Total	EPA 6010C	EPA 6010D		

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**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

*MS. CATHERINE L. MOSHER  
YORK ANALYTICAL LABORATORIES INC  
120 RESEARCH DRIVE  
STRATFORD, CT 06615*

*NY Lab Id No: 10854*

*is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards (2016) for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Metals I**

Chromium, Total	EPA 6020A EPA 6020B
Copper, Total	EPA 6010C EPA 6010D EPA 6020A EPA 6020B
Iron, Total	EPA 6010C EPA 6010D
Lead, Total	EPA 6010C EPA 6010D
Magnesium, Total	EPA 6010C EPA 6010D
Manganese, Total	EPA 6010C EPA 6010D EPA 6020A EPA 6020B
Nickel, Total	EPA 6010C EPA 6010D EPA 6020A EPA 6020B
Potassium, Total	EPA 6010C EPA 6010D
Silver, Total	EPA 6010C EPA 6010D EPA 6020A EPA 6020B
Sodium, Total	EPA 6010C



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**Metals I**

Sodium, Total EPA 6010D

**Metals II**

Aluminum, Total EPA 6010C

EPA 6010D

EPA 6020A

EPA 6020B

Antimony, Total EPA 6010C

EPA 6010D

EPA 6020A

EPA 6020B

Arsenic, Total EPA 6010C

EPA 6010D

EPA 6020A

EPA 6020B

Beryllium, Total EPA 6010C

EPA 6010D

Chromium VI EPA 7196A

Mercury, Total EPA 7471B

EPA 7473

Selenium, Total EPA 6010C

EPA 6010D

EPA 6020A

EPA 6020B

Vanadium, Total EPA 6010C

EPA 6010D

EPA 6020A

EPA 6020B

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**Metals II**

Zinc, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

**Metals III**

Cobalt, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Thallium, Total	EPA 6010C
	EPA 6010D
Tin, Total	EPA 6020A
	EPA 6020B
Titanium, Total	EPA 6020A

**Miscellaneous**

Cyanide, Total	EPA 9014
Extractable Organic Halides	EPA 9023

**Nitroaromatics and Isophorone**

2,4-Dinitrotoluene	EPA 8270D
	EPA 8270E
2,6-Dinitrotoluene	EPA 8270D
	EPA 8270E
Isophorone	EPA 8270D
	EPA 8270E
Nitrobenzene	EPA 8270D
	EPA 8270E

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**Nitroaromatics and Isophorone**

Pyridine EPA 8270D  
EPA 8270E

**Nitrosoamines**

N-Nitrosodimethylamine EPA 8270D  
EPA 8270E  
N-Nitrosodi-n-propylamine EPA 8270D  
EPA 8270E  
N-Nitrosodiphenylamine EPA 8270D  
EPA 8270E

**Organophosphate Pesticides**

Parathion ethyl EPA 8270D  
EPA 8270E

**Petroleum Hydrocarbons**

Diesel Range Organics EPA 8015D  
Gasoline Range Organics EPA 8015D

**Phthalate Esters**

Benzyl butyl phthalate EPA 8270D  
EPA 8270E  
Bis(2-ethylhexyl) phthalate EPA 8270D  
EPA 8270E  
Diethyl phthalate EPA 8270D  
EPA 8270E  
Dimethyl phthalate EPA 8270D  
EPA 8270E  
Di-n-butyl phthalate EPA 8270D  
EPA 8270E



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**Phthalate Esters**

Di-n-octyl phthalate	EPA 8270D
	EPA 8270E

**Polychlorinated Biphenyls**

Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1016 (PCB-1016) in Oil	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 8082A
Aroclor 1221 (PCB-1221) in Oil	EPA 8082A
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1232 (PCB-1232) in Oil	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 8082A
Aroclor 1242 (PCB-1242) in Oil	EPA 8082A
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1248 (PCB-1248) in Oil	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 8082A
Aroclor 1254 (PCB-1254) in Oil	EPA 8082A
Aroclor 1260 (PCB-1260)	EPA 8082A
Aroclor 1260 (PCB-1260) in Oil	EPA 8082A
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1262 (PCB-1262) in Oil	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A
Aroclor 1268 (PCB-1268) in Oil	EPA 8082A

**Polynuclear Aromatic Hydrocarbons**

Acenaphthene	EPA 8270D
	EPA 8270E
Acenaphthylene	EPA 8270D
	EPA 8270E

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**Polynuclear Aromatic Hydrocarbons**

Anthracene	EPA 8270D EPA 8270E
Benzo(a)anthracene	EPA 8270D EPA 8270E
Benzo(a)pyrene	EPA 8270D EPA 8270E
Benzo(b)fluoranthene	EPA 8270D EPA 8270E
Benzo(g,h,i)perylene	EPA 8270D EPA 8270E
Benzo(k)fluoranthene	EPA 8270D EPA 8270E
Chrysene	EPA 8270D EPA 8270E
Dibenzo(a,h)anthracene	EPA 8270D EPA 8270E
Fluoranthene	EPA 8270D EPA 8270E
Fluorene	EPA 8270D EPA 8270E
Naphthalene	EPA 8270D EPA 8270E
Phenanthrene	EPA 8270D EPA 8270E
Pyrene	EPA 8270D EPA 8270E



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**Priority Pollutant Phenols**

2,3,4,6 Tetrachlorophenol	EPA 8270D EPA 8270E
2,4,5-Trichlorophenol	EPA 8270D EPA 8270E
2,4,6-Trichlorophenol	EPA 8270D EPA 8270E
2,4-Dichlorophenol	EPA 8270D EPA 8270E
2,4-Dimethylphenol	EPA 8270D EPA 8270E
2,4-Dinitrophenol	EPA 8270D EPA 8270E
2-Chlorophenol	EPA 8270D EPA 8270E
2-Methyl-4,6-dinitrophenol	EPA 8270D EPA 8270E
2-Methylphenol	EPA 8270D EPA 8270E
2-Nitrophenol	EPA 8270D EPA 8270E
4-Chloro-3-methylphenol	EPA 8270D EPA 8270E
4-Methylphenol	EPA 8270D EPA 8270E
4-Nitrophenol	EPA 8270D EPA 8270E
Pentachlorophenol	EPA 8270D



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**Priority Pollutant Phenols**

Pentachlorophenol	EPA 8270E
Phenol	EPA 8270D EPA 8270E

**Semi-Volatile Organics**

1,1'-Biphenyl	EPA 8270D EPA 8270E
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D EPA 8270E
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D EPA 8270E
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D EPA 8270E
2-Methylnaphthalene	EPA 8270D EPA 8270E
Acetophenone	EPA 8270D EPA 8270E
Benzaldehyde	EPA 8270D EPA 8270E
Benzoic Acid	EPA 8270D EPA 8270E
Benzyl alcohol	EPA 8270D EPA 8270E
Caprolactam	EPA 8270D EPA 8270E
Dibenzofuran	EPA 8270D EPA 8270E



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**Volatile Aromatics**

1,2,4-Trichlorobenzene, Volatile	EPA 8260D EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D EPA 8260C
1,2-Dichlorobenzene	EPA 8260D EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260D EPA 8260C
1,3-Dichlorobenzene	EPA 8260D EPA 8260C
1,4-Dichlorobenzene	EPA 8260D EPA 8260C
2-Chlorotoluene	EPA 8260D EPA 8260C
4-Chlorotoluene	EPA 8260D EPA 8260C
Benzene	EPA 8260D EPA 8260C
Bromobenzene	EPA 8260D EPA 8260C
Chlorobenzene	EPA 8260D EPA 8260C
Ethyl benzene	EPA 8260D EPA 8260C
Isopropylbenzene	EPA 8260D EPA 8260C
m/p-Xylenes	EPA 8260D



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**Volatile Aromatics**

m/p-Xylenes	EPA 8260C
Naphthalene, Volatile	EPA 8260D
	EPA 8260C
n-Butylbenzene	EPA 8260D
	EPA 8260C
n-Propylbenzene	EPA 8260D
	EPA 8260C
o-Xylene	EPA 8260D
	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260D
	EPA 8260C
sec-Butylbenzene	EPA 8260D
	EPA 8260C
Styrene	EPA 8260D
	EPA 8260C
tert-Butylbenzene	EPA 8260D
	EPA 8260C
Toluene	EPA 8260D
	EPA 8260C
Total Xylenes	EPA 8260D
	EPA 8260C

**Volatile Halocarbons**

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260D

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**Volatile Halocarbons**

1,1,2,2-Tetrachloroethane	EPA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethene	EPA 8260D
	EPA 8260C
1,1-Dichloropropene	EPA 8260D
	EPA 8260C
1,2,3-Trichloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromoethane	EPA 8260D
	EPA 8260C
1,2-Dichloroethane	EPA 8260D
	EPA 8260C
1,2-Dichloropropane	EPA 8260D
	EPA 8260C
1,3-Dichloropropane	EPA 8260D
	EPA 8260C
2,2-Dichloropropane	EPA 8260D
	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D
	EPA 8260C
Bromochloromethane	EPA 8260D
	EPA 8260C



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**Volatile Halocarbons**

Bromodichloromethane	EPA 8260D EPA 8260C
Bromoform	EPA 8260D EPA 8260C
Bromomethane	EPA 8260D EPA 8260C
Carbon tetrachloride	EPA 8260D EPA 8260C
Chloroethane	EPA 8260D EPA 8260C
Chloroform	EPA 8260D EPA 8260C
Chloromethane	EPA 8260D EPA 8260C
cis-1,2-Dichloroethene	EPA 8260D EPA 8260C
cis-1,3-Dichloropropene	EPA 8260D EPA 8260C
Dibromochloromethane	EPA 8260D EPA 8260C
Dibromomethane	EPA 8260D EPA 8260C
Dichlorodifluoromethane	EPA 8260D EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260D EPA 8260C
Methylene chloride	EPA 8260D



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All approved analytes are listed below:*

**Volatile Halocarbons**

Methylene chloride	EPA 8260C
Tetrachloroethene	EPA 8260D EPA 8260C
trans-1,2-Dichloroethene	EPA 8260D EPA 8260C
trans-1,3-Dichloropropene	EPA 8260D EPA 8260C
Trichloroethene	EPA 8260D EPA 8260C
Trichlorofluoromethane	EPA 8260D EPA 8260C
Vinyl chloride	EPA 8260D EPA 8260C

**Volatile Organics**

1,4-Dioxane	EPA 8260D EPA 8260C EPA 8270D SIM EPA 8270E EPA 8270E SIM
2-Butanone (Methylethyl ketone)	EPA 8260D EPA 8260C
2-Hexanone	EPA 8260D EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D EPA 8260C
Acetone	EPA 8260D EPA 8260C

**Serial No.: 70286**

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Issued April 01, 2025

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**MS. CATHERINE L. MOSHER**  
**YORK ANALYTICAL LABORATORIES INC**  
**120 RESEARCH DRIVE**  
**STRATFORD, CT 06615**

**NY Lab Id No: 10854**

*is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards (2016) for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Volatile Organics**

Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

**Sample Preparation Methods**

EPA 5035A-L  
EPA 5035A-H  
EPA 3580A  
EPA 3010A  
EPA 3050B  
EPA 3550C  
EPA 3546  
EPA 3545A  
EPA 9010C

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All approved subcategories and/or analytes are listed below:*

**Miscellaneous**

Lead in Dust Wipes	EPA 6010C
Lead in Paint	EPA 6010C

**Sample Preparation Methods**

EPA 3050B



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**YORK ANALYTICAL LABORATORIES, INC. (II)**  
**132-02 89TH AVENUE SUITE 217**  
**RICHMOND HILL, NY 11418**

**NY Lab Id No: 12058**

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National Environmental Laboratory Accreditation Conference Standards (2016) for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved analytes are listed below:*

**Acrylates**

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
Acrylonitrile	EPA 8260D
	EPA 8260C
Methyl methacrylate	EPA 8260D
	EPA 8260C

**Chlorinated Hydrocarbons**

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C

**Volatile Aromatics**

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C



**Serial No.: 70783**

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All approved analytes are listed below:*

**Volatile Aromatics**

Benzene	EPA 8260D EPA 8260C
Bromobenzene	EPA 8260D EPA 8260C
Chlorobenzene	EPA 8260D EPA 8260C
Ethyl benzene	EPA 8260D EPA 8260C
Isopropylbenzene	EPA 8260D EPA 8260C
m/p-Xylenes	EPA 8260D EPA 8260C
Naphthalene, Volatile	EPA 8260D EPA 8260C
n-Butylbenzene	EPA 8260D EPA 8260C
n-Propylbenzene	EPA 8260D EPA 8260C
o-Xylene	EPA 8260D EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260D EPA 8260C
sec-Butylbenzene	EPA 8260D EPA 8260C
Styrene	EPA 8260D EPA 8260C
tert-Butylbenzene	EPA 8260D



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**Volatile Aromatics**

tert-Butylbenzene	EPA 8260C
Toluene	EPA 8260D
	EPA 8260C
Total Xylenes	EPA 8260D
	EPA 8260C

**Volatile Halocarbons**

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethene	EPA 8260D
	EPA 8260C
1,1-Dichloropropene	EPA 8260D
	EPA 8260C
1,2,3-Trichloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromoethane	EPA 8260D

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**Volatile Halocarbons**

1,2-Dibromoethane	EPA 8260C
1,2-Dichloroethane	EPA 8260D EPA 8260C
1,2-Dichloropropane	EPA 8260D EPA 8260C
1,3-Dichloropropane	EPA 8260D EPA 8260C
2,2-Dichloropropane	EPA 8260D EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D EPA 8260C
Bromochloromethane	EPA 8260D EPA 8260C
Bromodichloromethane	EPA 8260D EPA 8260C
Bromoform	EPA 8260D EPA 8260C
Bromomethane	EPA 8260D EPA 8260C
Carbon tetrachloride	EPA 8260D EPA 8260C
Chloroethane	EPA 8260D EPA 8260C
Chloroform	EPA 8260D EPA 8260C
Chloromethane	EPA 8260D EPA 8260C



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**Volatile Halocarbons**

cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
Dibromochloromethane	EPA 8260D
	EPA 8260C
Dibromomethane	EPA 8260D
	EPA 8260C
Dichlorodifluoromethane	EPA 8260D
	EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260D
	EPA 8260C
Methylene chloride	EPA 8260D
	EPA 8260C
Tetrachloroethene	EPA 8260D
	EPA 8260C
trans-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
trans-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
Trichloroethene	EPA 8260D
	EPA 8260C
Trichlorofluoromethane	EPA 8260D
	EPA 8260C
Vinyl chloride	EPA 8260D
	EPA 8260C



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All approved analytes are listed below:*

**Volatile Organics**

1,4-Dioxane	EPA 8260D
	EPA 8260C
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C
Acetone	EPA 8260D
	EPA 8260C
Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

**Sample Preparation Methods**

EPA 5035A-L  
EPA 5035A-H

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**ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE**  
*All approved subcategories and/or analytes are listed below:*

**Perfluorinated Alkyl Acids**

8:2FTS	EPA 1633 (Draft)
NEtFOSAA	EPA 1633 (Draft)
NMeFOSAA	EPA 1633 (Draft)
Perfluorotridecanoic Acid (PFTrDA)	EPA 1633 (Draft)
Perfluorodecanoic Acid (PFDA)	EPA 1633 (Draft)
Perfluorobutanoic Acid (PFBA)	EPA 1633 (Draft)
Perfluorododecanoic Acid (PFDoA)	EPA 1633 (Draft)
Perfluoroheptanoic Acid (PFHpA)	EPA 1633 (Draft)
Perfluorohexanoic Acid (PFHxA)	EPA 1633 (Draft)
Perfluorononanoic Acid (PFNA)	EPA 1633 (Draft)
Perfluorooctanesulfonic Acid (PFOS)	EPA 1633 (Draft)
Perfluorooctanoic Acid (PFOA)	EPA 1633 (Draft)
Perfluoropentanoic Acid (PFPeA)	EPA 1633 (Draft)
Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633 (Draft)
Perfluoroundecanoic Acid (PFUnA)	EPA 1633 (Draft)

NEW  
YORK  
STATE

Department  
of Health

**Serial No.: 70784**

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**Appendix D**  
**Laboratory Analytical Results - Soil**



# Technical Report

prepared for:

**Applemon Corporation**  
151 S. Mountain Road  
New City NY, 10956  
**Attention: Fuad Adib**

Report Date: 06/03/2025  
**Client Project ID: Sunset Park, Brooklyn**  
York Project (SDG) No.: 25E0927

Revision No. 1.0

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371

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

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

**Applemon Corporation**  
151 S. Mountain Road  
New City NY, 10956  
Attention: Fuad Adib

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 14, 2025 and listed below. The project was identified as your project: **Sunset Park, Brooklyn.**

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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

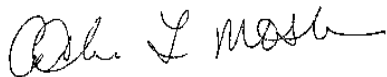
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25E0927-01	SB-1	Soil	05/14/2025	05/14/2025
25E0927-02	SB-2	Soil	05/14/2025	05/14/2025
25E0927-03	SB-3	Soil	05/14/2025	05/14/2025
25E0927-04	SB-4	Soil	05/14/2025	05/14/2025
25E0927-05	SB-5	Soil	05/14/2025	05/14/2025
25E0927-06	SB-6	Soil	05/14/2025	05/14/2025
25E0927-07	SB-7	Soil	05/14/2025	05/14/2025
25E0927-08	SB-8	Soil	05/14/2025	05/14/2025
25E0927-09	SB-9	Soil	05/14/2025	05/14/2025
25E0929-01	SB-1	Soil	05/14/2025	05/14/2025
25E0929-02	SB-2	Soil	05/14/2025	05/14/2025
25E0929-03	SB-3	Soil	05/14/2025	05/14/2025
25E0929-04	SB-4	Soil	05/14/2025	05/14/2025
25E0929-05	SB-5	Soil	05/14/2025	05/14/2025
25E0929-06	SB-6	Soil	05/14/2025	05/14/2025
25E0929-07	SB-7	Soil	05/14/2025	05/14/2025
25E0929-08	SB-8	Soil	05/14/2025	05/14/2025
25E0929-09	SB-9	Soil	05/14/2025	05/14/2025

## **General Notes for York Project (SDG) No.: 25E0927**

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 06/03/2025





## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:05	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:05	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
67-64-1	<b>Acetone</b>	<b>0.020</b>		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:05	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS



## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
98-82-8	<b>Isopropylbenzene</b>	<b>0.0032</b>	J	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:05	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
104-51-8	n-Butylbenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
95-47-6	o-Xylene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/14/2025 15:30	05/17/2025 03:05	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/14/2025 15:30	05/17/2025 03:05	PRS
99-87-6	<b>p-Isopropyltoluene</b>	<b>0.015</b>	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:05	PRS
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS





### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:05	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:05	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:05	PRS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.5 %						77-125			
2037-26-5	Surrogate: SURRE: Toluene-d8	95.1 %						85-120			
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %						76-130			

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	92.6	185	2	EPA 8270D Certifications: NELAC-NY10854	05/20/2025 10:36	05/23/2025 05:20	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
367-12-4	Surrogate: SURRE: 2-Fluorophenol	38.0 %						20-108			
13127-88-3	Surrogate: SURRE: Phenol-d6	38.1 %						23-114			
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	37.9 %						22-108			



### Sample Information

Client Sample ID: SB-1

York Sample ID: 25E0927-01

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

#### Semi-Volatiles, Parathion by 8270

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	36.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	43.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	41.3 %			24-116						

#### Semi-Volatiles, 8270 Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS



## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS



## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.185	0.371	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.371	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:20	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	38.0 %	20-108
13127-88-3	Surrogate: SURRE: Phenol-d6	38.1 %	23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	37.9 %	22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	36.4 %	21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	43.8 %	19-110
1718-51-0	Surrogate: SURRE: Terphenyl-d14	41.3 %	24-116

**Pesticides, 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	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:25	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Pesticides, 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
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 13:25	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:25	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:25	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 13:25	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	57.7 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	57.5 %		30-150

**Polychlorinated Biphenyls, 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
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### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Polychlorinated Biphenyls, 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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 04:48	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 04:48	NF

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	52.0 %	30-120

**Herbicides, 8151 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/20/2025 23:54	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/20/2025 23:54	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/20/2025 23:54	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	82.4 %	21-150
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### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>93.1</b>		mg/kg dry	11.0	1	EPA 8015D	05/21/2025 09:06	05/22/2025 10:10	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>			Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
638-68-6	Surrogate: <i>Triacontane</i>	79.6 %								
				30-150						

**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	<b>Aluminum</b>	<b>5560</b>		mg/kg dry	4.66	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	<b>Arsenic</b>	<b>2.92</b>		mg/kg dry	1.40	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	<b>Barium</b>	<b>32.1</b>		mg/kg dry	2.32	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	<b>Beryllium</b>	<b>0.224</b>		mg/kg dry	0.047	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	<b>Calcium</b>	<b>2320</b>		mg/kg dry	4.66	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	<b>Chromium</b>	<b>13.9</b>		mg/kg dry	0.466	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	<b>Cobalt</b>	<b>6.31</b>		mg/kg dry	0.372	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	<b>Copper</b>	<b>15.2</b>		mg/kg dry	1.86	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	<b>Iron</b>	<b>11300</b>		mg/kg dry	23.3	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	<b>Lead</b>	<b>14.1</b>		mg/kg dry	0.466	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	<b>Magnesium</b>	<b>4430</b>		mg/kg dry	4.66	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	<b>Manganese</b>	<b>270</b>		mg/kg dry	0.466	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	<b>Nickel</b>	<b>39.4</b>		mg/kg dry	0.928	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:50	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0927-01

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**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
7440-09-7	Potassium	1210		mg/kg dry	4.66	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR
7440-23-5	Sodium	453		mg/kg dry	46.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.87	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR
7440-62-2	Vanadium	17.4		mg/kg dry	0.928	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR
7440-66-6	Zinc	35.6		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:50	AGNR

**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 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444C	05/19/2025 09:59	05/20/2025 16:12	DRS

**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 Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-0444C	05/19/2025 13:47	05/19/2025 17:35	SML

**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	13.5		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

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

Client Sample ID: SB-1

York Sample ID: 25E0927-01

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 25E0927, Sunset Park, Brooklyn, Soil, May 14, 2025 2:00 pm, 05/14/2025

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5, Cyanide, total, ND, mg/kg dry, 0.559, 1, EPA 9014/9010C, 05/20/2025 10:35, 05/20/2025 19:27, LJM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, % Solids, 89.5, %, 0.100, 1, SM 2540G, 05/16/2025 09:07, 05/16/2025 12:57, BF

Sample Information

Client Sample ID: SB-2

York Sample ID: 25E0927-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 25E0927, Sunset Park, Brooklyn, Soil, May 14, 2025 2:00 pm, 05/14/2025

Volatile Organics, NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organics like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:31	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
78-93-3	<b>2-Butanone</b>	<b>0.0024</b>	J	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:31	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
67-64-1	<b>Acetone</b>	<b>0.018</b>		mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:31	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
108-90-7	Chlorobenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
100-41-4	Ethyl Benzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS



## Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
104-51-8	n-Butylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
95-47-6	o-Xylene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/14/2025 15:30	05/17/2025 03:31	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/14/2025 15:30	05/17/2025 03:31	PRS
99-87-6	p-Isopropyltoluene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
135-98-8	sec-Butylbenzene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/14/2025 15:30	05/17/2025 03:31	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
108-88-3	Toluene	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS



## Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/14/2025 15:30	05/17/2025 03:31	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/14/2025 15:30	05/17/2025 03:31	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	94.5 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.7 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %			76-130						

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	93.9	187	2	EPA 8270D Certifications: NELAC-NY10854	05/20/2025 10:36	05/23/2025 05:51	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	69.4 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	68.0 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	69.7 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	66.6 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	87.6 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	74.8 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS



## Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS





### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.188	0.376	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.170</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.161</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.140</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.0990</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS



## Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.125</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0939	0.187	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
218-01-9	<b>Chrysene</b>	<b>0.164</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
206-44-0	<b>Fluoranthene</b>	<b>0.356</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.101</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
85-01-8	<b>Phenanthrene</b>	<b>0.105</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
129-00-0	<b>Pyrene</b>	<b>0.326</b>		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.376	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/23/2025 05:51	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	69.4 %	20-108
13127-88-3	Surrogate: SURRE: Phenol-d6	68.0 %	23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	69.7 %	22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	66.6 %	21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	87.6 %	19-110



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.8 %			24-116						

**Pesticides, 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	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:40	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 13:40	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Pesticides, 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
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:40	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:40	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 13:40	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	65.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.3 %	30-150							

**Polychlorinated Biphenyls, 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	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:02	NF



## Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Polychlorinated Biphenyls, 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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 05:02	NF
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	59.0 %	30-120							

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:01	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:01	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:01	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	71.4 %	21-150							

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>11.3</b>		mg/kg dry	10.6	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 09:06	05/22/2025 10:22	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacotane	71.8 %	30-150							

**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	<b>Aluminum</b>	<b>6170</b>		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-38-2	<b>Arsenic</b>	<b>2.87</b>		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:55	AGNR



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**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
7440-39-3	Barium	33.3		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-41-7	Beryllium	0.174		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-70-2	Calcium	1470		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-47-3	Chromium	13.8		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-48-4	Cobalt	6.93		mg/kg dry	0.380	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-50-8	Copper	13.9		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7439-89-6	Iron	12800		mg/kg dry	23.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7439-92-1	Lead	14.1		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7439-95-4	Magnesium	2810		mg/kg dry	4.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7439-96-5	Manganese	224		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-02-0	Nickel	22.8		mg/kg dry	0.947	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-09-7	Potassium	1270		mg/kg dry	4.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-23-5	Sodium	1010		mg/kg dry	47.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-62-2	Vanadium	23.3		mg/kg dry	0.947	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR
7440-66-6	Zinc	33.2		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:55	AGNR

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0927-02

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.111		mg/kg dry	0.0342	1	EPA 7473	05/19/2025 09:59	05/20/2025 16:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444		

### 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	0.570	1	EPA 7196A	05/19/2025 13:47	05/19/2025 17:35	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

### 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	05/20/2025 14:41	05/20/2025 17:34	sml
							Certifications:			

### Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.570	1	EPA 9014/9010C	05/20/2025 10:35	05/20/2025 19:27	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

### 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	87.7		%	0.100	1	SM 2540G	05/16/2025 09:07	05/16/2025 12:57	BF
							Certifications:	CTDOH-PH-0723		

### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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### Volatile Organics, NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:





### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:15	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:15	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS



## Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.041	0.082	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
67-64-1	<b>Acetone</b>	<b>0.013</b>	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:15	PRS
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS



## Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
79-20-9	<b>Methyl acetate</b>	<b>0.0057</b>	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 10:35	05/17/2025 19:15	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 10:35	05/17/2025 19:15	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:15	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:15	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:15	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	109 %			76-130						

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854	05/20/2025 10:36	05/22/2025 19:53	AK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	40.3 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	39.3 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	35.0 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	40.3 %			21-113						



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	49.2 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	50.6 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
100-01-6	4-Nitroaniline	ND	CCVE	mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
83-32-9	<b>Acenaphthene</b>	<b>0.0867</b>	J	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
98-86-2	Acetophenone	ND	CAL-E, CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
62-53-3	Aniline	ND		mg/kg dry	0.190	0.381	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	0.153		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.381	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
56-55-3	Benzo(a)anthracene	0.354		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
50-32-8	Benzo(a)pyrene	0.365	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
205-99-2	Benzo(b)fluoranthene	0.523		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
191-24-2	Benzo(g,h,i)perylene	0.225		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
207-08-9	Benzo(k)fluoranthene	0.176		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
105-60-2	Caprolactam	ND	CAL-E, CCVE	mg/kg dry	0.0951	0.190	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
86-74-8	Carbazole	0.0768	J	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
218-01-9	Chrysene	0.478		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
53-70-3	Dibenzo(a,h)anthracene	0.0662	J	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK



## Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	<b>Dibenzofuran</b>	<b>0.0760</b>	J	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
206-44-0	<b>Fluoranthene</b>	<b>0.915</b>		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
86-73-7	<b>Fluorene</b>	<b>0.145</b>		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.251</b>	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
91-20-3	<b>Naphthalene</b>	<b>0.0897</b>	J	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK





### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	0.742		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
129-00-0	Pyrene	0.980		mg/kg dry	0.0477	0.0951	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.381	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:36	05/22/2025 19:53	AK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.3 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	39.3 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	35.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	40.3 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	49.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	50.6 %			24-116						

**Pesticides, 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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:55	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**Pesticides, 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	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 13:55	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:55	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:55	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0379	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 13:55	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	61.8 %		
877-09-8	Surrogate: Tetrachloro-m-xylene	61.6 %		

**Polychlorinated Biphenyls, 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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF



## Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.

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Matrix

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25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Polychlorinated Biphenyls, 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
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
11096-82-5	<b>Aroclor 1260</b>	<b>0.0423</b>		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:15	NF
1336-36-3	<b>* Total PCBs</b>	<b>0.0423</b>		mg/kg dry	0.0191	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 05:15	NF

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	64.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %	30-120

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:08	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:08	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:08	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	81.6 %	21-150
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**Total Petroleum Hydrocarbons-DRO (C10-C28)**

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
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### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>35.8</b>		mg/kg dry	11.0	1	EPA 8015D	05/21/2025 09:06	05/22/2025 10:33	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>			Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
638-68-6	Surrogate: <i>Triacontane</i>	85.1 %								
				30-150						

**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	<b>Aluminum</b>	<b>7230</b>		mg/kg dry	4.80	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.40	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	<b>Arsenic</b>	<b>3.00</b>		mg/kg dry	1.44	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	<b>Barium</b>	<b>43.0</b>		mg/kg dry	2.40	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	<b>Beryllium</b>	<b>0.195</b>		mg/kg dry	0.048	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.288	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	<b>Calcium</b>	<b>2400</b>		mg/kg dry	4.80	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	<b>Chromium</b>	<b>14.6</b>		mg/kg dry	0.480	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	<b>Cobalt</b>	<b>5.69</b>		mg/kg dry	0.384	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	<b>Copper</b>	<b>18.8</b>		mg/kg dry	1.92	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	<b>Iron</b>	<b>11600</b>		mg/kg dry	24.0	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	<b>Lead</b>	<b>32.2</b>		mg/kg dry	0.480	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	<b>Magnesium</b>	<b>2630</b>		mg/kg dry	4.80	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	<b>Manganese</b>	<b>236</b>		mg/kg dry	0.480	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	<b>Nickel</b>	<b>16.0</b>		mg/kg dry	0.956	1	EPA 6010D	05/18/2025 11:37	05/20/2025 09:56	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**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
7440-09-7	Potassium	1240		mg/kg dry	4.80	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.484	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR
7440-23-5	Sodium	306		mg/kg dry	48.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR
7440-62-2	Vanadium	21.3		mg/kg dry	0.956	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR
7440-66-6	Zinc	51.9		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:56	AGNR

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.126		mg/kg dry	0.0346	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444C	05/19/2025 09:59	05/20/2025 16:12	DRS

**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	0.576	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-0444C	05/19/2025 13:47	05/19/2025 17:35	SML

**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	14.6		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

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

**Client Sample ID:** SB-3

**York Sample ID:** 25E0927-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

### Cyanide, Total

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.576	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:35	05/20/2025 19:27	LJM

### 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	86.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/16/2025 09:07	05/16/2025 12:57	BF

### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

### Volatile Organics, NJDEP/TCL/Part 375

### Log-in Notes:

### Sample Notes:

Sample Prepared by 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	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:41	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:41	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
67-64-1	Acetone	0.016	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:41	PRS
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 10:35	05/17/2025 19:41	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS





### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	0.013	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444	05/17/2025 10:35	05/17/2025 19:41	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444	05/17/2025 10:35	05/17/2025 19:41	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 10:35	05/17/2025 19:41	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 10:35	05/17/2025 19:41	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444	05/17/2025 10:35	05/17/2025 19:41	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 10:35	05/17/2025 19:41	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 10:35	05/17/2025 19:41	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	104 %			77-125						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	101 %			85-120						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	108 %			76-130						

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: NELAC-NY10854	05/21/2025 08:49	05/22/2025 10:15	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: <i>SURR: 2-Fluorophenol</i>	71.1 %			20-108						
13127-88-3	Surrogate: <i>SURR: Phenol-d6</i>	65.3 %			23-114						
4165-60-0	Surrogate: <i>SURR: Nitrobenzene-d5</i>	87.4 %			22-108						
321-60-8	Surrogate: <i>SURR: 2-Fluorobiphenyl</i>	59.2 %			21-113						
118-79-6	Surrogate: <i>SURR: 2,4,6-Tribromophenol</i>	59.1 %			19-110						
1718-51-0	Surrogate: <i>SURR: Terphenyl-d14</i>	65.4 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS



## Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
121-14-2	<b>2,4-Dinitrotoluene</b>	<b>1.12</b>	CCVE	mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
606-20-2	<b>2,6-Dinitrotoluene</b>	<b>1.53</b>		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS



## Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
62-53-3	Aniline	ND		mg/kg dry	0.191	0.382	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.191	0.382	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0953	0.190	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
131-11-3	<b>Dimethyl phthalate</b>	<b>0.375</b>		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
67-72-1	<b>Hexachloroethane</b>	<b>1.19</b>		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
78-59-1	<b>Isophorone</b>	<b>0.411</b>		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
621-64-7	<b>N-nitroso-di-n-propylamine</b>	<b>0.179</b>	CCVE	mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
108-95-2	Phenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.382	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 10:15	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: SURRE: 2-Fluorophenol	71.1 %	20-108
13127-88-3	Surrogate: SURRE: Phenol-d6	65.3 %	23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	87.4 %	22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	59.2 %	21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	59.1 %	19-110



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.4 %			24-116						

**Pesticides, 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	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 14:11	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 14:11	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Pesticides, 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
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 14:11	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.190	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:11	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0380	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 14:11	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	70.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	66.2 %	30-150							

**Polychlorinated Biphenyls, 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	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:29	NF





## Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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### Polychlorinated Biphenyls, 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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 05:29	NF
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %					30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %					30-120			

### Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:15	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:15	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:15	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	83.4 %					21-150			

### Total Petroleum Hydrocarbons-DRO (C10-C28)

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
68334-30-5	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.3	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 09:06	05/22/2025 10:33	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
638-68-6	Surrogate: Triacotane	98.4 %					30-150			

### 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	8360		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-38-2	Arsenic	3.19		mg/kg dry	1.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:58	AGNR



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**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
7440-39-3	<b>Barium</b>	<b>39.5</b>		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.218</b>		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.289	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-70-2	<b>Calcium</b>	<b>1420</b>		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-47-3	<b>Chromium</b>	<b>14.4</b>		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-48-4	<b>Cobalt</b>	<b>5.33</b>		mg/kg dry	0.384	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-50-8	<b>Copper</b>	<b>10.6</b>		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7439-89-6	<b>Iron</b>	<b>11400</b>		mg/kg dry	24.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7439-92-1	<b>Lead</b>	<b>8.63</b>		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7439-95-4	<b>Magnesium</b>	<b>2230</b>		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7439-96-5	<b>Manganese</b>	<b>335</b>		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-02-0	<b>Nickel</b>	<b>13.2</b>		mg/kg dry	0.958	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-09-7	<b>Potassium</b>	<b>1050</b>		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.485	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-23-5	<b>Sodium</b>	<b>783</b>		mg/kg dry	48.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-62-2	<b>Vanadium</b>	<b>21.7</b>		mg/kg dry	0.958	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR
7440-66-6	<b>Zinc</b>	<b>31.2</b>		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 09:58	AGNR

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0927-04

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0406		mg/kg dry	0.0346	1	EPA 7473 Certifications: CTD0H-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444C	05/19/2025 09:59	05/20/2025 16:12	DRS

### 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 Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-0444C	05/19/2025 13:47	05/19/2025 17:35	SML

### 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	14.4		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

### Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.908		mg/kg dry	0.577	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444C	05/20/2025 10:35	05/20/2025 19:27	LJM

### 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 Certifications: CTD0H-PH-0723	05/16/2025 09:07	05/16/2025 12:57	BF

### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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### Volatile Organics, NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:08	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:08	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS



## Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.043	0.085	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
67-64-1	<b>Acetone</b>	<b>0.012</b>	CCVE	mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:08	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 12:08	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 12:08	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:08	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:08	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:08	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	97.2 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.8 %	76-130

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	96.5	193	2	EPA 8270D Certifications: NELAC-NY10854	05/21/2025 08:49	05/22/2025 11:46	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: SURRE: 2-Fluorophenol	58.9 %	20-108
13127-88-3	Surrogate: SURRE: Phenol-d6	54.6 %	23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	73.7 %	22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	52.4 %	21-113



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	53.1 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	58.5 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS





### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
62-53-3	Aniline	ND		mg/kg dry	0.193	0.387	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.193	0.387	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0965	0.193	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS



## Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS



## Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0484	0.0965	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.387	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 11:46	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	58.9 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	54.6 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	73.7 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	52.4 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	53.1 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	58.5 %			24-116						

**Pesticides, 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	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 14:26	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Pesticides, 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
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 14:26	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 14:26	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 14:26	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 14:26	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	74.2 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	71.6 %	30-150

**Polychlorinated Biphenyls, 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	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Polychlorinated Biphenyls, 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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 05:43	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 05:43	NF

**Surrogate Recoveries**

	Surrogate	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %	30-120

**Herbicides, 8151 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0231	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:22	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0231	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:22	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0231	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:22	GXB

**Surrogate Recoveries**

	Surrogate	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.4 %	21-150

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>11.9</b>		mg/kg dry	11.7	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:21	05/21/2025 12:08	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
638-68-6	Surrogate: Triacontane	85.3 %	S-D		30-150					

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3505B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>6420</b>		mg/kg dry	4.87	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-38-2	<b>Arsenic</b>	<b>2.53</b>		mg/kg dry	1.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-39-3	<b>Barium</b>	<b>30.8</b>		mg/kg dry	2.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.235</b>		mg/kg dry	0.049	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-70-2	<b>Calcium</b>	<b>1190</b>		mg/kg dry	4.87	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-47-3	<b>Chromium</b>	<b>12.7</b>		mg/kg dry	0.488	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-48-4	<b>Cobalt</b>	<b>6.29</b>		mg/kg dry	0.389	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-50-8	<b>Copper</b>	<b>10.0</b>		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7439-89-6	<b>Iron</b>	<b>10800</b>		mg/kg dry	24.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7439-92-1	<b>Lead</b>	<b>18.8</b>		mg/kg dry	0.488	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7439-95-4	<b>Magnesium</b>	<b>2400</b>		mg/kg dry	4.88	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7439-96-5	<b>Manganese</b>	<b>296</b>		mg/kg dry	0.488	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-02-0	<b>Nickel</b>	<b>14.1</b>		mg/kg dry	0.970	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-09-7	<b>Potassium</b>	<b>959</b>		mg/kg dry	4.88	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR



## Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**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
7782-49-2	Selenium	ND		mg/kg dry	2.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.491	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-23-5	<b>Sodium</b>	<b>864</b>		mg/kg dry	48.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-62-2	<b>Vanadium</b>	<b>18.7</b>		mg/kg dry	0.970	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR
7440-66-6	<b>Zinc</b>	<b>27.6</b>		mg/kg dry	2.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 09:59	AGNR

**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	<b>Mercury</b>	<b>0.0589</b>		mg/kg dry	0.0351	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440	05/19/2025 09:59	05/20/2025 16:12	DRS

**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	0.585	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/20/2025 09:13	05/20/2025 15:39	JMT

**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	<b>* Chromium, Trivalent</b>	<b>12.7</b>		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.585	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:35	05/20/2025 19:27	LJM





### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0927-05

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**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	85.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/19/2025 08:57	05/19/2025 16:32	SMM

### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:35	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:35	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
67-64-1	<b>Acetone</b>	<b>0.013</b>	CCVE	mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
79-20-9	<b>Methyl acetate</b>	<b>0.011</b>		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 12:35	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 12:35	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 12:35	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 12:35	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 12:35	PRS

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.5 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.1 %			76-130						

**Semi-Volatiles, Parathion by 8270**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	94.2	188	2	EPA 8270D Certifications: NELAC-NY10854	05/21/2025 08:49	05/22/2025 07:26	AK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	58.7 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	55.0 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	47.2 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	55.4 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	74.8 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	64.0 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

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	0.0942	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
98-86-2	Acetophenone	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
62-53-3	Aniline	ND		mg/kg dry	0.189	0.377	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.377	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
105-60-2	Caprolactam	ND	CAL-E, CCVE	mg/kg dry	0.0942	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK





### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.377	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:26	AK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	58.7 %
13127-88-3	Surrogate: SURRE: Phenol-d6	55.0 %
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	47.2 %
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	55.4 %
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	74.8 %
1718-51-0	Surrogate: SURRE: Terphenyl-d14	64.0 %

**Pesticides, 8081 List**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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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	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 12:38	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 12:38	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 12:38	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ



## Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Pesticides, 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
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:38	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 12:38	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
2051-24-3	Surrogate: Decachlorobiphenyl	82.0 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	98.9 %					30-150			

**Polychlorinated Biphenyls, 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	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 14:42	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 14:42	NF
<b>Surrogate Recoveries</b>		<b>Result</b>					<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	69.0 %					30-120			
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %					30-120			



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:30	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:30	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:30	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	84.6 %	21-150							

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

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
68334-30-5	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.4	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:21	05/21/2025 12:30	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacontane	142 %	30-150							

**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	5860		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-38-2	Arsenic	2.44		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-39-3	Barium	34.4		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-41-7	Beryllium	0.150		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-70-2	Calcium	1870		mg/kg dry	4.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-47-3	Chromium	16.5		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:01	AGNR



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**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
7440-48-4	<b>Cobalt</b>	<b>5.63</b>		mg/kg dry	0.380	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-50-8	<b>Copper</b>	<b>10.9</b>		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7439-89-6	<b>Iron</b>	<b>11100</b>		mg/kg dry	23.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7439-92-1	<b>Lead</b>	<b>6.29</b>		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7439-95-4	<b>Magnesium</b>	<b>2730</b>		mg/kg dry	4.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7439-96-5	<b>Manganese</b>	<b>259</b>		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-02-0	<b>Nickel</b>	<b>14.0</b>		mg/kg dry	0.947	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-09-7	<b>Potassium</b>	<b>1430</b>		mg/kg dry	4.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-23-5	<b>Sodium</b>	<b>525</b>		mg/kg dry	47.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-62-2	<b>Vanadium</b>	<b>21.9</b>		mg/kg dry	0.947	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR
7440-66-6	<b>Zinc</b>	<b>26.0</b>		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:01	AGNR

**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	<b>Mercury</b>	<b>0.0415</b>		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444C	05/19/2025 09:59	05/20/2025 16:12	DRS

**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
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### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0927-06

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**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	0.571	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/20/2025 09:13	05/20/2025 15:39	JMT

**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	16.5		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	1.08		mg/kg dry	0.571	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:35	05/20/2025 19:27	LJM

**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	87.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/16/2025 09:07	05/16/2025 12:57	BF

### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS



## Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:03	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:03	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.074	0.15	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
78-93-3	<b>2-Butanone</b>	<b>0.016</b>	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:03	PRS



## Sample Information

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Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
67-64-1	<b>Acetone</b>	<b>0.050</b>	CCVE	mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:03	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS





### Sample Information

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Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 13:03	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 13:03	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:03	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS



### Sample Information

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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	ICVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:03	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:03	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %			76-130						

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: NELAC-NY10854	05/21/2025 08:49	05/22/2025 07:57	AK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	62.2 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	60.4 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	55.1 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	60.8 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	74.4 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	71.8 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
65794-96-9	<b>3- &amp; 4-Methylphenols</b>	<b>0.336</b>		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
83-32-9	Acenaphthene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
98-86-2	Acetophenone	ND	CAL-E	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
62-53-3	Aniline	ND		mg/kg dry	0.238	0.477	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
120-12-7	Anthracene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
92-87-5	Benzidine	ND		mg/kg dry	0.238	0.477	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK



## Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	0.0951	J	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
50-32-8	Benzo(a)pyrene	0.0932	J	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
205-99-2	Benzo(b)fluoranthene	0.0980	J	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
105-60-2	Caprolactam	ND	CAL-E, CCVE	mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
218-01-9	Chrysene	0.0837	J	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK



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Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
206-44-0	<b>Fluoranthene</b>	<b>0.148</b>		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
86-73-7	Fluorene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
78-59-1	Isophorone	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
91-20-3	Naphthalene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
85-01-8	<b>Phenanthrene</b>	<b>0.113</b>	J	mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
108-95-2	Phenol	ND		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
129-00-0	<b>Pyrene</b>	<b>0.161</b>		mg/kg dry	0.0596	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK



### Sample Information

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**Collection Date/Time**  
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**Date Received**  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		mg/kg dry	0.238	0.477	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 07:57	AK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	62.2 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	60.4 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	55.1 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	60.8 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	74.4 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	71.8 %			24-116						

**Pesticides, 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	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 12:55	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 12:55	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**Pesticides, 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
72-20-8	Endrin	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 12:55	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.239	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 12:55	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0477	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 12:55	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	67.0 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	125 %	30-150

**Polychlorinated Biphenyls, 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	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF





### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Polychlorinated Biphenyls, 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	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:10	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0241	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 06:10	NF
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	64.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	60.0 %	30-120							

**Herbicides, 8151 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0286	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:37	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0286	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:37	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0286	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:37	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	91.2 %	21-150							

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>296</b>		mg/kg dry	14.5	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:21	05/21/2025 12:30	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacontane	114 %	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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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	<b>Aluminum</b>	<b>4860</b>		mg/kg dry	6.04	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-36-0	Antimony	ND		mg/kg dry	3.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-38-2	<b>Arsenic</b>	<b>16.3</b>		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-39-3	<b>Barium</b>	<b>172</b>		mg/kg dry	3.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.205</b>		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-43-9	<b>Cadmium</b>	<b>0.399</b>		mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-70-2	<b>Calcium</b>	<b>8990</b>		mg/kg dry	6.04	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-47-3	<b>Chromium</b>	<b>21.2</b>		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-48-4	<b>Cobalt</b>	<b>6.26</b>		mg/kg dry	0.483	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-50-8	<b>Copper</b>	<b>105</b>		mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7439-89-6	<b>Iron</b>	<b>15800</b>		mg/kg dry	30.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7439-92-1	<b>Lead</b>	<b>1380</b>		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7439-95-4	<b>Magnesium</b>	<b>2580</b>		mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7439-96-5	<b>Manganese</b>	<b>184</b>		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-02-0	<b>Nickel</b>	<b>16.2</b>		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-09-7	<b>Potassium</b>	<b>1020</b>		mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7782-49-2	Selenium	ND		mg/kg dry	3.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-22-4	<b>Silver</b>	<b>1.27</b>		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-23-5	<b>Sodium</b>	<b>673</b>		mg/kg dry	60.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR
7440-62-2	<b>Vanadium</b>	<b>20.0</b>		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:02	AGNR



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0927-07

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**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	
7440-66-6	Zinc	337		mg/kg dry	3.01	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:02	AGNR	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C			

**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	9.60		mg/kg dry	0.0435	1	EPA 7473	05/19/2025 09:59	05/20/2025 16:12	DRS	
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444C			

**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	0.725	1	EPA 7196A	05/20/2025 09:13	05/20/2025 15:39	JMT	
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-0444C			

**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	21.2		mg/kg	0.500	1	Calculation	05/20/2025 14:41	05/20/2025 17:34	sml	
							Certifications:				

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
57-12-5	Cyanide, total	ND		mg/kg dry	0.725	1	EPA 9014/9010C	05/20/2025 10:35	05/20/2025 19:27	LJM	
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444C			

**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	68.9		%	0.100	1	SM 2540G	05/19/2025 08:57	05/19/2025 16:32	SMM	
							Certifications:	CTDOH-PH-0723			



## Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.073	0.15	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
67-64-1	<b>Acetone</b>	<b>0.014</b>	J	mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS



## Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.026		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 13:30	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 13:30	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:30	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
156-60-5	<b>trans-1,2-Dichloroethylene</b>	<b>0.0070</b>	J	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
79-01-6	<b>Trichloroethylene</b>	<b>0.019</b>		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:30	PRS
75-01-4	<b>Vinyl Chloride</b>	<b>0.13</b>	QL-02	mg/kg dry	0.0036	0.0073	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:30	PRS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.7 %						77-125			
2037-26-5	Surrogate: SURRE: Toluene-d8	97.1 %						85-120			
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.0 %						76-130			

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: NELAC-NY10854	05/21/2025 08:49	05/22/2025 12:15	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
367-12-4	Surrogate: SURRE: 2-Fluorophenol	73.6 %						20-108			
13127-88-3	Surrogate: SURRE: Phenol-d6	69.3 %						23-114			
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	91.3 %						22-108			
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	62.9 %						21-113			



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	64.1 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	72.2 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS





## Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
62-53-3	Aniline	ND		mg/kg dry	0.248	0.496	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.248	0.496	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.124	0.247	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS



## Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0927

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
108-95-2	Phenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
110-86-1	Pyridine	ND		mg/kg dry	0.248	0.496	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 12:15	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	73.6 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	69.3 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	91.3 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	62.9 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	64.1 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	72.2 %			24-116						

**Pesticides, 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	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:12	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ



## Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Pesticides, 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
60-57-1	Dieldrin	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 13:12	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:12	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.248	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:12	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0496	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 13:12	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	80.6 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %	30-150

**Polychlorinated Biphenyls, 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	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Polychlorinated Biphenyls, 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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:24	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0251	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 06:24	NF

**Surrogate Recoveries**

	Surrogate	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	58.5 %	30-120

**Herbicides, 8151 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0298	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:44	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0298	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:44	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0298	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:44	GXB

**Surrogate Recoveries**

	Surrogate	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	72.0 %	21-150

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	17.5		mg/kg dry	15.1	1	EPA 8015D	05/20/2025 08:21	05/21/2025 12:42	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>			Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
638-68-6	Surrogate: Triacontane	106 %		30-150						

**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	<b>Aluminum</b>	<b>5590</b>		mg/kg dry	6.29	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-36-0	Antimony	ND		mg/kg dry	3.14	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-38-2	<b>Arsenic</b>	<b>9.93</b>		mg/kg dry	1.89	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-39-3	<b>Barium</b>	<b>122</b>		mg/kg dry	3.14	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-41-7	<b>Beryllium</b>	<b>0.371</b>		mg/kg dry	0.063	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	<b>Cadmium</b>	<b>0.993</b>		mg/kg dry	0.377	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-70-2	<b>Calcium</b>	<b>3490</b>		mg/kg dry	6.29	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-47-3	<b>Chromium</b>	<b>18.9</b>		mg/kg dry	0.629	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	<b>Cobalt</b>	<b>7.05</b>		mg/kg dry	0.503	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-50-8	<b>Copper</b>	<b>107</b>		mg/kg dry	2.52	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-89-6	<b>Iron</b>	<b>8240</b>		mg/kg dry	31.4	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-92-1	<b>Lead</b>	<b>409</b>		mg/kg dry	0.629	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-95-4	<b>Magnesium</b>	<b>906</b>		mg/kg dry	6.29	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7439-96-5	<b>Manganese</b>	<b>131</b>		mg/kg dry	0.629	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-02-0	<b>Nickel</b>	<b>19.1</b>		mg/kg dry	1.25	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-09-7	<b>Potassium</b>	<b>535</b>		mg/kg dry	6.29	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7782-49-2	<b>Selenium</b>	<b>4.69</b>		mg/kg dry	3.14	1	EPA 6010D	05/18/2025 11:37	05/20/2025 10:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**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
7440-22-4	Silver	0.780		mg/kg dry	0.634	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:04	AGNR
7440-23-5	Sodium	442		mg/kg dry	62.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:04	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:04	AGNR
7440-62-2	Vanadium	29.2		mg/kg dry	1.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:04	AGNR
7440-66-6	Zinc	309		mg/kg dry	3.13	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:04	AGNR

**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	2.07		mg/kg dry	0.0453	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440	05/19/2025 09:59	05/20/2025 16:12	DRS

**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	0.755	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/20/2025 09:13	05/20/2025 15:39	JMT

**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	18.9		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.755	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:35	05/20/2025 19:27	LJM

**Total Solids**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0927-08

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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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	66.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/16/2025 09:11	05/16/2025 12:15	BF

### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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### Volatile Organics, NJDEP/TCL/Part 375

### Log-in Notes:

### Sample Notes:

Sample Prepared by 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	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:58	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:58	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS



## Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
67-64-1	<b>Acetone</b>	<b>0.018</b>	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:58	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 13:58	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	05/17/2025 09:57	05/17/2025 13:58	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	05/17/2025 09:57	05/17/2025 13:58	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/17/2025 09:57	05/17/2025 13:58	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 13:58	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	95.5 %	85-120								



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			76-130						

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	126	253	2	EPA 8270D Certifications: NELAC-NY10854	05/21/2025 08:49	05/22/2025 00:45	AK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	89.8 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	84.0 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	78.8 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	83.0 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	111 %	S-08		19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	96.2 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
83-32-9	Acenaphthene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
98-86-2	Acetophenone	ND	CAL-E	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
62-53-3	Aniline	ND		mg/kg dry	0.253	0.507	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
120-12-7	<b>Anthracene</b>	<b>0.291</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
1912-24-9	Atrazine	ND	CAL-E	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
92-87-5	Benzidine	ND		mg/kg dry	0.253	0.507	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.806</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.769</b>	CCVE	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.935</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.513</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.325</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
105-60-2	Caprolactam	ND	CAL-E, CCVE	mg/kg dry	0.126	0.253	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
218-01-9	<b>Chrysene</b>	<b>0.758</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>0.127</b>	CCVE	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
206-44-0	<b>Fluoranthene</b>	<b>1.77</b>		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
86-73-7	Fluorene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK





### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	0.567	CCVE	mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
78-59-1	Isophorone	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
91-20-3	Naphthalene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
85-01-8	Phenanthrene	0.929		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
108-95-2	Phenol	ND		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
129-00-0	Pyrene	1.76		mg/kg dry	0.0634	0.126	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK
110-86-1	Pyridine	ND		mg/kg dry	0.253	0.507	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 08:49	05/22/2025 00:45	AK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	89.8 %		20-108
13127-88-3	Surrogate: SURR: Phenol-d6	84.0 %		23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.8 %		22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	83.0 %		21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	111 %	S-08	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	96.2 %		24-116

**Pesticides, 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	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ



## Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Pesticides, 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
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:29	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/21/2025 10:09	05/22/2025 13:29	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/21/2025 10:09	05/22/2025 13:29	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Pesticides, 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
8001-35-2	Toxaphene	ND		mg/kg dry	0.253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:09	05/22/2025 13:29	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0505	5	EPA 8081B Certifications:	05/21/2025 10:09	05/22/2025 13:29	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	70.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	103 %	30-150							

**Polychlorinated Biphenyls, 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	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 10:07	05/22/2025 06:38	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0255	1	EPA 8082A Certifications:	05/21/2025 10:07	05/22/2025 06:38	NF
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	55.5 %	30-120							

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

<u>York Project (SDG) No.</u> 25E0927	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0304	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:51	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0304	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:51	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0304	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/19/2025 07:09	05/21/2025 00:51	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	61.0 %	21-150							

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>174</b>		mg/kg dry	15.4	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:21	05/21/2025 12:42	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacontane	102 %	30-150							

**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	<b>Aluminum</b>	<b>6510</b>		mg/kg dry	6.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-36-0	Antimony	ND		mg/kg dry	3.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-38-2	<b>Arsenic</b>	<b>20.3</b>		mg/kg dry	1.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-39-3	<b>Barium</b>	<b>154</b>		mg/kg dry	3.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.385</b>		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-43-9	<b>Cadmium</b>	<b>0.745</b>		mg/kg dry	0.385	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-70-2	<b>Calcium</b>	<b>35900</b>		mg/kg dry	6.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-47-3	<b>Chromium</b>	<b>28.1</b>		mg/kg dry	0.643	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-48-4	<b>Cobalt</b>	<b>7.86</b>		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 11:37	05/20/2025 10:05	AGNR



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

**York Project (SDG) No.**  
25E0927

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**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
7440-50-8	Copper	299		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7439-89-6	Iron	31200		mg/kg dry	32.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7439-92-1	Lead	1080		mg/kg dry	0.643	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7439-95-4	Magnesium	12200		mg/kg dry	6.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7439-96-5	Manganese	218		mg/kg dry	0.643	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-02-0	Nickel	21.6		mg/kg dry	1.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-09-7	Potassium	829		mg/kg dry	6.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7782-49-2	Selenium	ND		mg/kg dry	3.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-22-4	Silver	0.681		mg/kg dry	0.648	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-23-5	Sodium	617		mg/kg dry	64.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-62-2	Vanadium	46.0		mg/kg dry	1.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR
7440-66-6	Zinc	452		mg/kg dry	3.20	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444C	05/18/2025 11:37	05/20/2025 10:05	AGNR

**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	3.16		mg/kg dry	0.0463	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444C	05/19/2025 09:59	05/20/2025 16:12	DRS

**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	0.771	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-0444C	05/20/2025 09:13	05/20/2025 15:39	JMT



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0927-09

York Project (SDG) No.  
25E0927

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**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	28.1		mg/kg	0.500	1	Calculation Certifications:	05/20/2025 14:41	05/20/2025 17:34	sml

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.771	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/20/2025 10:35	05/20/2025 19:27	LJM

**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	64.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/16/2025 09:11	05/16/2025 12:15	BF

### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0929-01

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0929-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0929

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 12:42	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.0 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	95.9 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 18:58	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0929-01

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**SVOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 18:58	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	27.1 %	10-90.9
13127-88-3	Surrogate: SURRE: Phenol-d6	17.4 %	10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	25.8 %	19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	33.6 %	24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	51.1 %	23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	54.9 %	25.8-110

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.000044	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:13	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.000044	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:13	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.000044	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:13	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.000044	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:13	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.000044	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:13	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:13	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	62.9 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	82.2 %	30-150

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:





### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0929-01

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 16:27	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 16:27	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	85.0 %	10-130							

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:49	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
pH	pH	10.3	HT-pH	pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440	05/20/2025 13:11	05/20/2025 15:00	SMM

**Reactivity-Cyanide**

**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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH-PH-0723,PADEP-68-04440	05/20/2025 14:34	05/20/2025 17:45	sml



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0929-01

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-04440	05/20/2025 14:35	05/20/2025 17:45	sml

**Temperature**

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
TEMP	* Temperature	22.1	Z-01	°C	1.00	1	EPA 170.1 Certifications:	05/20/2025 13:11	05/20/2025 15:00	SMM

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A Certifications:	05/15/2025 09:30	05/15/2025 17:55	JMT

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:12	05/16/2025 12:27	BN

**TCLP Extraction for SVOCs/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

Log-in Notes:

Sample Notes:



### Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 25E0929-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
25E0929	Sunset Park, Brooklyn	Soil	May 14, 2025 2:00 pm	05/14/2025

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311	06/02/2025 13:10	06/02/2025 13:10	
Certifications:										

### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0929-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
25E0929	Sunset Park, Brooklyn	Soil	May 14, 2025 2:00 pm	05/14/2025

### VOA, TCLP RCRA

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311	05/19/2025 08:40	05/19/2025 13:08	PRS
Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,											

### Surrogate Recoveries

### Result

### Acceptance Range



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0929-02

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.7 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.5 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %			84.2-124						

**SVOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 19:26	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:26	SR

Surrogate Recoveries	Result	Acceptance Range
367-12-4 Surrogate: SURRE: 2-Fluorophenol	28.5 %	10-90.9
13127-88-3 Surrogate: SURRE: Phenol-d6	17.5 %	10-69.2



### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0929-02

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	27.7 %			19.2-141						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	32.8 %			24.8-127						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	43.1 %			23-163						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	40.2 %			25.8-110						

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:31	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:31	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:31	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:31	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:31	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:31	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	36.2 %			30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	56.6 %			30-150

**HERB, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 16:34	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 16:34	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	86.0 %			10-130
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### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0929-02

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:50	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
pH	pH	8.52	HT-pH	pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440	05/20/2025 13:11	05/20/2025 15:02	SMM

**Reactivity-Cyanide**

**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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH-PH-0723,PADEP-68-04440	05/20/2025 14:34	05/20/2025 17:45	sml

**Reactivity-Sulfide**

**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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-04440	05/20/2025 14:35	05/20/2025 17:45	sml

**Temperature**

**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
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### Sample Information

**Client Sample ID:** SB-2

**York Sample ID:** 25E0929-02

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Temperature**

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
TEMP	* Temperature	22.2	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:02	SMM

Certifications:

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT

Certifications:

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN

Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:06	05/16/2025 12:15	BN

Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 18:23	05/16/2025 12:09	BN

Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311	06/02/2025 13:13	06/02/2025 13:13	

Certifications:



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0929-03

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 13:35	PRS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.7 %	65-135
2037-26-5	Surrogate: SURRE: Toluene-d8	97.3 %	86-118
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %	84.2-124

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR





### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0929-03

**York Project (SDG) No.**  
25E0929

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 19:55	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 19:55	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	25.0 %	10-90.9
13127-88-3	Surrogate: SURR: Phenol-d6	15.9 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	23.3 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	28.4 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	38.3 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	35.8 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:48	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:48	RJ



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0929-03

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:48	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:48	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:48	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 01:48	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	48.2 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.3 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 16:41	GXB	
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 16:41	GXB	
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	75.8 %			10-130						

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR
7439-92-1	<b>Lead</b>	<b>0.165</b>		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR



### Sample Information

**Client Sample ID:** SB-3

**York Sample ID:** 25E0929-03

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:52	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	8.31	HT-pH	pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440	05/20/2025 13:11	05/20/2025 15:03	SMM

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH-PH-0723,PADEP-68-04440	05/20/2025 14:34	05/20/2025 17:45	sml

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-04440	05/20/2025 14:35	05/20/2025 17:45	sml

**Temperature**

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
TEMP	* Temperature	22.1	Z-01	°C	1.00	1	EPA 170.1 Certifications:	05/20/2025 13:11	05/20/2025 15:03	SMM

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A Certifications:	05/15/2025 09:30	05/15/2025 17:55	JMT

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp



**Sample Information**

**Client Sample ID:** SB-3

**York Sample ID:** 25E0929-03

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:12	05/16/2025 12:27	BN

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

**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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/02/2025 13:16	06/02/2025 13:16	

**Sample Information**

**Client Sample ID:** SB-4

**York Sample ID:** 25E0929-04

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0929-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0929

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:01	PRS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.0 %	65-135
2037-26-5	Surrogate: SURRE: Toluene-d8	97.0 %	86-118
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %	84.2-124

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0929-04

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 20:25	SR
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:25	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	29.2 %	10-90.9
13127-88-3	Surrogate: SURRE: Phenol-d6	17.9 %	10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	29.5 %	19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	35.6 %	24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	47.9 %	23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	45.8 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:05	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:05	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:05	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:05	RJ



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0929-04

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.000044	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:05	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:05	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	37.9 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	74.7 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:17	GXB	
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:17	GXB	
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	83.0 %			10-130						

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:53	AGNR



### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0929-04

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
pH	pH	8.64	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 13:11	05/20/2025 15:05	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

**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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/20/2025 14:34	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

**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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/20/2025 14:35	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

**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
TEMP	* Temperature	22.0	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:05	SMM
							Certifications:			

**Ignitability**

**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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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





### Sample Information

**Client Sample ID:** SB-4

**York Sample ID:** 25E0929-04

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/02/2025 13:18	06/02/2025 13:18	

### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0929-05

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0929-05

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:27	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.0 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	112 %			84.2-124						

**SVOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 20:54	SR



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0929-05

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 20:54	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	28.3 %	10-90.9
13127-88-3	Surrogate: SURRE: Phenol-d6	19.3 %	10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	27.6 %	19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	32.7 %	24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	45.3 %	23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	44.7 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:22	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:22	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:22	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:22	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:22	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:22	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



## Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0929-05

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	58.2 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.7 %			30-150						

**HERB, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:24	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:24	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.8 %			10-130					
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**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR
7440-39-3	Barium	0.790	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR
7439-92-1	Lead	0.240		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:55	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
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### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0929-05

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	8.26	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 13:11	05/20/2025 15:14	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/20/2025 14:34	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	16.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/20/2025 14:35	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

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
TEMP	* Temperature	21.5	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:14	SMM
							Certifications:			

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



### Sample Information

**Client Sample ID:** SB-5

**York Sample ID:** 25E0929-05

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/02/2025 13:21	06/02/2025 13:21	

### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0929-06

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0929-06

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25E0929

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 14:54	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.6 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.9 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	112 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 21:23	SR



### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0929-06

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:23	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	39.4 %		10-90.9
13127-88-3	Surrogate: SURRE: Phenol-d6	26.1 %		10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	36.6 %		19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	44.2 %		24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	58.9 %		23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	57.8 %		25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:39	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:39	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:39	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:39	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:39	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:39	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**





### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0929-06

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.5 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:31	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:31	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	82.4 %					10-130			

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:56	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
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### Sample Information

**Client Sample ID:** SB-6

**York Sample ID:** 25E0929-06

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	9.26	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 13:11	05/20/2025 15:16	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/20/2025 14:34	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	16.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/20/2025 14:35	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

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
TEMP	* Temperature	21.5	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:16	SMM
							Certifications:			

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



### Sample Information

Client Sample ID: SB-6

York Sample ID: 25E0929-06

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

#### TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

#### TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

Analyzed by: ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/02/2025 13:23	06/02/2025 13:23	

### Sample Information

Client Sample ID: SB-7

York Sample ID: 25E0929-07

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

#### VOA, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0929-07

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25E0929

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	0.044	J	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/19/2025 08:40	05/19/2025 15:20	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
127-18-4	Tetrachloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/19/2025 08:40	05/19/2025 15:20	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.2 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.9 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 21:52	SR



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0929-07

**York Project (SDG) No.**  
25E0929

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 21:52	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	31.1 %	10-90.9
13127-88-3	Surrogate: SURR: Phenol-d6	19.5 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	29.7 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	35.9 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	50.4 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.0 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:56	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:56	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:56	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:56	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:56	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 02:56	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0929-07

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	29.1 %	S-08, S-GC		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.2 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:38	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:38	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	86.6 %					10-130			

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR
7439-92-1	<b>Lead</b>	<b>0.812</b>		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:58	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
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### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0929-07

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
pH	pH	8.59	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 13:11	05/20/2025 15:18	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

**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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/20/2025 14:34	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

**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
SREAC	* Reactivity - Sulfide	16.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/20/2025 14:35	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

**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
TEMP	* Temperature	21.7	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:18	SMM
							Certifications:			

**Ignitability**

**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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



### Sample Information

**Client Sample ID:** SB-7

**York Sample ID:** 25E0929-07

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/02/2025 13:26	06/02/2025 13:26	

### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0929-08

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS





### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0929-08

**York Project (SDG) No.**  
25E0929

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:05	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.1 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.6 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 22:21	SR



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0929-08

**York Project (SDG) No.**  
25E0929

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:21	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	32.2 %	10-90.9
13127-88-3	Surrogate: SURRE: Phenol-d6	21.0 %	10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	27.4 %	19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	33.7 %	24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	43.0 %	23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	39.4 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 03:13	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 03:13	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 03:13	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 03:13	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 03:13	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 03:13	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0929-08

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	39.1 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.6 %			30-150						

**HERB, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:45	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/18/2025 17:45	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.2 %					10-130			

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR
7439-92-1	<b>Lead</b>	<b>26.9</b>		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 13:59	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
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### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0929-08

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
pH	pH	9.93	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 13:11	05/20/2025 15:19	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

**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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/20/2025 14:34	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

**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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/20/2025 14:35	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

**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
TEMP	* Temperature	21.9	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:19	SMM
							Certifications:			

**Ignitability**

**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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



### Sample Information

**Client Sample ID:** SB-8

**York Sample ID:** 25E0929-08

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/02/2025 13:33	06/02/2025 13:33	

### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0929-09

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0929-09

**York Project (SDG) No.**  
25E0929

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
75-01-4	Vinyl Chloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	05/20/2025 10:03	05/20/2025 11:32	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			65-135						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.1 %			86-118						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.8 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
95-48-7	2-Methylphenol	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
1319-77-3	Cresols, total	ND		mg/L	0.0100	0.0150	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/20/2025 08:45	05/20/2025 22:50	SR



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0929-09

**York Project (SDG) No.**  
25E0929

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 14, 2025 2:00 pm

**Date Received**  
05/14/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
67-72-1	Hexachloroethane	ND		mg/L	0.00125	0.00250	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
98-95-3	Nitrobenzene	ND	CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR
110-86-1	Pyridine	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 08:45	05/20/2025 22:50	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	26.4 %	10-90.9
13127-88-3	Surrogate: SURRE: Phenol-d6	16.8 %	10-69.2
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	26.0 %	19.2-141
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	32.6 %	24.8-127
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	42.6 %	23-163
1718-51-0	Surrogate: SURRE: Terphenyl-d14	41.5 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes: EXT-EM**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 04:05	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 04:05	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 04:05	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 04:05	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000444	0.0000444	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 04:05	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00111	0.00111	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/20/2025 09:39	05/22/2025 04:05	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0929-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E0929

Sunset Park, Brooklyn

Soil

May 14, 2025 2:00 pm

05/14/2025

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	31.1 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.0 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/20/2025 15:56	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/18/2025 07:35	05/20/2025 15:56	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	82.6 %			10-130					
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**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR
7440-39-3	Barium	0.885		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR
7439-92-1	Lead	1.79		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/16/2025 13:32	05/19/2025 14:04	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
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### Sample Information

**Client Sample ID:** SB-9

**York Sample ID:** 25E0929-09

York Project (SDG) No.  
25E0929

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 14, 2025 2:00 pm

Date Received  
05/14/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
pH	pH	9.70	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 13:11	05/20/2025 15:20	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

**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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/20/2025 14:34	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

**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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/20/2025 14:35	05/20/2025 17:45	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

**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
TEMP	* Temperature	21.9	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 13:11	05/20/2025 15:20	SMM
							Certifications:			

**Ignitability**

**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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/15/2025 09:30	05/15/2025 17:55	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/15/2025 17:12	05/16/2025 12:27	BN
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



**Sample Information**

**Client Sample ID:** SB-9

**York Sample ID:** 25E0929-09

<u>York Project (SDG) No.</u> 25E0929	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 14, 2025 2:00 pm	<u>Date Received</u> 05/14/2025
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**TCLP Extraction for SVOCS/PEST/HERB**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 17:06	05/16/2025 12:15	BN

**TCLP Extraction for VOA by EPA 1311 ZHE**

**Log-in Notes:**

**Sample Notes: EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	05/15/2025 18:23	05/16/2025 12:09	BN

**Analyzed by:** ALS-Rochester

**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	0.20	U	ug/L	0.20	1	EPA 7470/1311 Certifications:	06/03/2025 13:36	06/03/2025 13:36	



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E0927-01	SB-1	40mL Vial with Stir Bar-Cool 4° C
25E0927-02	SB-2	40mL Vial with Stir Bar-Cool 4° C
25E0927-03	SB-3	40mL Vial with Stir Bar-Cool 4° C
25E0927-04	SB-4	40mL Vial with Stir Bar-Cool 4° C
25E0927-05	SB-5	40mL Vial with Stir Bar-Cool 4° C
25E0927-06	SB-6	40mL Vial with Stir Bar-Cool 4° C
25E0927-07	SB-7	40mL Vial with Stir Bar-Cool 4° C
25E0927-08	SB-8	40mL Vial with Stir Bar-Cool 4° C
25E0927-09	SB-9	40mL Vial with Stir Bar-Cool 4° C
25E0929-01	SB-1	40mL 01_Clear Vial Cool to 4° C
25E0929-02	SB-2	40mL 01_Clear Vial Cool to 4° C
25E0929-03	SB-3	40mL 01_Clear Vial Cool to 4° C
25E0929-04	SB-4	40mL 01_Clear Vial Cool to 4° C
25E0929-05	SB-5	40mL 01_Clear Vial Cool to 4° C
25E0929-06	SB-6	40mL 01_Clear Vial Cool to 4° C
25E0929-07	SB-7	40mL 01_Clear Vial Cool to 4° C
25E0929-08	SB-8	40mL 01_Clear Vial Cool to 4° C
25E0929-09	SB-9	40mL 01_Clear Vial Cool to 4° C



### Sample and Data Qualifiers Relating to This Work Order

M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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).
EXT-COMP	Completed
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.
Z-01	TEMPERATURE RECORDED AT TIME OF pH ANALYSIS
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
IGN-01	Non-Ignit.

### 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 current NELAC/TNI 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

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**Revision Description:** This report has been revised to include TCLP Hg.



York Analytical Laboratories, Inc.  
 120 Research Drive  
 Stratford, CT 06615  
 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.  
 25E092.7

Page \_\_\_ of \_\_\_

### YOUR Information

Company: Applemen Corporation  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Contact: Fuad Adib  
 E-mail: \_\_\_\_\_

### Report To:

Company: Same  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Contact: Same  
 E-mail: \_\_\_\_\_

### Invoice To:

Company: Same  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Contact: Same  
 E-mail: \_\_\_\_\_

### YOUR Project Number

SAND1048

### YOUR Project Name

Sunset Park, Brooklyn

Turn-Around Time  
 RUSH - Next Day  
 RUSH - Two Day  
 RUSH - Three Day  
 RUSH - Four Day  
 Standard (5-7 Day)

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.

Nathan Paul

Samples Collected by: (print your name above and sign below)

Nathan Paul

### YOUR PO#:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)  
PH 375  
RCRA

### 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:		

### Samples From

New York  
 New Jersey  
 Connecticut  
 Pennsylvania  
 Other

### Matrix Codes

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

### Sample Matrix

S

### Date/Time Sampled

5/14/25 9-2

### Sample Identification

SB-1  
SB-2  
SB-3  
SB-4  
SB-5  
SB-6  
SB-7  
SB-8  
SB-9

### Analysis Requested

Waste classification

### Container Description

2-8oz. jars  
4-Terracore

### Comments:

Samples Relinquished by / Company		Date/Time	Samples Relinquished by / Company		Date/Time	Preservation: (check all that apply)	
Nathan Paul/Applemen		5/14/25 2:00	Nathan Paul		5/14/25 14:13	HCl	MeOH
Nathan Paul		5/14/25 15:45	Nathan Paul		5/14/25 15:45	HNO <sub>3</sub>	NaOH
Nathan Paul		5/14/25 15:45	Nathan Paul		5/14/25 15:45	H <sub>2</sub> SO <sub>4</sub>	ZnAc
Nathan Paul		5/14/25 15:45	Nathan Paul		5/14/25 15:45	Ascorbic Acid	Other:
Nathan Paul		5/14/25 15:45	Nathan Paul		5/14/25 15:45	Field Filtered Lab to Filter	
Nathan Paul		5/14/25 15:45	Nathan Paul		5/14/25 15:45	Temp. Received at Lab	



YORK Analytical Laboratories, Inc.  
 120 Research Drive  
 Stratford, CT 06615  
 clientservices@yorklab.com  
 www.yorklab.com



# Field Chain-of-Custody Record

YORK Project No.

25E0929

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.

Page      of     

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: Appletren Corporation	Company: Same	Company: Same	Company: Same	Company: Same	Company: Same	SAND1048		RUSH - Next Day	<input checked="" type="checkbox"/>
Address:	Address:	Address:	Address:	Address:	Address:	Sunset Park, Brooklyn		RUSH - Two Day	
Phone:	Phone:	Phone:	Phone:	Phone:	Phone:			RUSH - Three Day	
Contact: Fuad Adib	Contact: Same	Contact: Same	Contact: Same	Contact: Same	Contact: Same			RUSH - Four Day	
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	YOUR PO#:		Standard (5-7 Day)	

<b>YORK Reg. Comp.</b>		<b>Report / EDD Type (circle selections)</b>		<b>Container Description</b>	
Compared to the following Regulation(s): (please fill in) PA 375 RCRA		Summary Report	CT RCP	Standard Excel EDD	2 - 8oz. jars
		QA Report	CT RCP DQADUE	EQUIS (Standard)	4 - Ferracore
		NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQUIS	
		NY ASP B Package	NJDKQP	NJDEP SRP HazSite Other:	

Sample Identification	Matrix Codes	Samples From	Report / EDD Type	Analysis Requested
SB-1	S - soil / solid	New York	<input checked="" type="checkbox"/>	Waste classification
SB-2	GW - groundwater	New Jersey	<input type="checkbox"/>	
SB-3	DW - drinking water	Connecticut	<input type="checkbox"/>	
SB-4	WW - wastewater	Pennsylvania	<input type="checkbox"/>	
SB-5	O - Oil ; Other	Other	<input type="checkbox"/>	
SB-6				
SB-7				
SB-8				
SB-9				

Sample Identification	Matrix Codes	Samples From	Report / EDD Type	Analysis Requested	Special Instruction
Nathan Paul/Appletren	S	New York	<input checked="" type="checkbox"/>	Waste classification	Field Filtered Lab to Filter
309					

**Comments:**

Relinquished by / Company	Date/Time	Relinquished by / Company	Date/Time	Relinquished by / Company	Date/Time	Relinquished by / Company	Date/Time
Nathan Paul/Appletren	5/14/25 2:00	Nathan Paul	5/14/25 14:13		5/14/25 18:45		
309	5/14/25 15:45						
	5/14/25 17:30						



# Technical Report

prepared for:

**Applemon Corporation**  
151 S. Mountain Road  
New City NY, 10956  
**Attention: Fuad Adib**

Report Date: 05/30/2025  
**Client Project ID: Sunset Park, Brooklyn**  
York Project (SDG) No.: 25E1084

Stratford, CT Laboratory IDs:  
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:  
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,  
EPA: NY01600

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371

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

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



Report Date: 05/30/2025  
Client Project ID: Sunset Park, Brooklyn  
York Project (SDG) No.: 25E1084

**Applemon Corporation**  
151 S. Mountain Road  
New City NY, 10956  
Attention: Fuad Adib

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 15, 2025 and listed below. The project was identified as your project: **Sunset Park, Brooklyn.**

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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

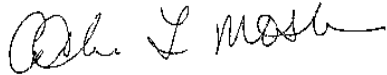
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
25E1084-01	SB-10	Soil	05/15/2025	05/15/2025
25E1084-02	SB-11	Soil	05/15/2025	05/15/2025
25E1084-03	SB-12	Soil	05/15/2025	05/15/2025
25E1084-04	SB-13	Soil	05/15/2025	05/15/2025
25E1084-05	SB-14	Soil	05/15/2025	05/15/2025
25E1087-01	SB-10	Soil	05/15/2025	05/15/2025
25E1087-02	SB-11	Soil	05/15/2025	05/15/2025
25E1087-03	SB-12	Soil	05/15/2025	05/15/2025
25E1087-04	SB-13	Soil	05/15/2025	05/15/2025
25E1087-05	SB-14	Soil	05/15/2025	05/15/2025

## **General Notes for York Project (SDG) No.: 25E1084**

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:**



Cassie L. Mosher  
Laboratory Manager

**Date:** 05/30/2025





### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.  
25E1084

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 15, 2025 11:00 am

Date Received  
05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 14:25	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.074	0.15	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
78-93-3	<b>2-Butanone</b>	<b>0.0064</b>	J	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
67-64-1	<b>Acetone</b>	<b>0.031</b>	CCVE	mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-15-0	<b>Carbon disulfide</b>	<b>0.0037</b>	J	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
79-20-9	<b>Methyl acetate</b>	<b>0.012</b>		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 14:25	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 14:25	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:25	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:25	PRS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	104 %	77-125
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	98.0 %	85-120
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	99.5 %	76-130

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: NELAC-NY10854	05/22/2025 08:31	05/27/2025 11:02	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: <i>SURR: 2-Fluorophenol</i>	41.7 %	20-108
13127-88-3	Surrogate: <i>SURR: Phenol-d6</i>	33.1 %	23-114
4165-60-0	Surrogate: <i>SURR: Nitrobenzene-d5</i>	35.7 %	22-108



### Sample Information

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Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	39.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	31.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	38.1 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

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Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS





### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.239	0.477	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.239	0.477	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.119	0.238	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:02	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
108-95-2	Phenol	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0597	0.119	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS
110-86-1	Pyridine	ND		mg/kg dry	0.239	0.477	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:02	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	41.7 %	20-108
13127-88-3	Surrogate: SURR: Phenol-d6	33.1 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	35.7 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	39.4 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	31.3 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	38.1 %	24-116

**Pesticides, 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	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 04:46	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Pesticides, 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
319-86-8	delta-BHC	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/23/2025 08:00	05/24/2025 04:46	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 04:46	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.475	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 04:46	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0950	5	EPA 8081B Certifications:	05/23/2025 08:00	05/24/2025 04:46	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	47.2 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	57.1 %		30-150

**Polychlorinated Biphenyls, 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
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### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Polychlorinated Biphenyls, 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	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 10:47	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 10:47	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 10:47	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0480	1	EPA 8082A Certifications:	05/23/2025 08:00	05/24/2025 10:47	NF

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %	30-120

**Herbicides, 8151 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0286	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/21/2025 08:58	05/22/2025 13:45	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0286	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/21/2025 08:58	05/22/2025 13:45	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0286	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/21/2025 08:58	05/22/2025 13:45	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.8 %	21-150
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### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

York Project (SDG) No.  
25E1084

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 15, 2025 11:00 am

Date Received  
05/15/2025

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

**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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>30.9</b>		mg/kg dry	14.1	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-0440	05/21/2025 09:06	05/20/2025 11:31	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: <i>Triacontane</i>	68.1 %			30-150					

**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	<b>Aluminum</b>	<b>4770</b>		mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-38-2	<b>Arsenic</b>	<b>20.4</b>		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-39-3	<b>Barium</b>	<b>209</b>		mg/kg dry	3.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.492</b>		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-43-9	<b>Cadmium</b>	<b>1.40</b>		mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-70-2	<b>Calcium</b>	<b>7320</b>		mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-47-3	<b>Chromium</b>	<b>35.8</b>		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-48-4	<b>Cobalt</b>	<b>7.13</b>		mg/kg dry	0.484	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-50-8	<b>Copper</b>	<b>373</b>		mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7439-89-6	<b>Iron</b>	<b>18200</b>		mg/kg dry	30.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7439-92-1	<b>Lead</b>	<b>1620</b>		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7439-95-4	<b>Magnesium</b>	<b>1660</b>		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7439-96-5	<b>Manganese</b>	<b>78.1</b>		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-02-0	<b>Nickel</b>	<b>22.6</b>		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-09-7	<b>Potassium</b>	<b>562</b>		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1084-01

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**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
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-22-4	Silver	130		mg/kg dry	0.610	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-23-5	Sodium	704		mg/kg dry	60.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-62-2	Vanadium	25.8		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR
7440-66-6	Zinc	422		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:56	AGNR

**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	5.97		mg/kg dry	0.0436	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	05/20/2025 13:18	05/21/2025 11:48	DBT

**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	0.726	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04	05/20/2025 14:29	05/20/2025 23:15	SML

**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	35.8		mg/kg	0.500	1	Calculation Certifications:	05/21/2025 17:58	05/21/2025 18:03	SL

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.726	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	05/21/2025 08:51	05/21/2025 14:17	LJM



Sample Information

Client Sample ID: SB-10

York Sample ID: 25E1084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 68.8, % Solids, 0.100, 1, SM 2540G, 05/20/2025 06:32, 05/20/2025 08:25, SMM.

Sample Information

Client Sample ID: SB-11

York Sample ID: 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

Volatile Organics, NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organic compounds, all with ND results.





### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
78-93-3	<b>2-Butanone</b>	<b>0.0041</b>	J	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
67-64-1	<b>Acetone</b>	<b>0.018</b>	CCVE	mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS



## Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
75-15-0	<b>Carbon disulfide</b>	<b>0.0032</b>	J	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

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Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 14:53	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 14:53	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 14:53	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 14:53	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								



### Sample Information

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Soil

May 15, 2025 11:00 am

05/15/2025

**Volatiles Organics, NJDEP/TCL/Part 375**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			76-130						

**Semi-Volatiles, Parathion by 8270**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: NELAC-NY10854	05/22/2025 08:31	05/27/2025 11:32	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.8 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	32.5 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	34.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	34.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	34.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.6 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS



### Sample Information

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Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS



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Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
62-53-3	Aniline	ND		mg/kg dry	0.196	0.393	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.196	0.393	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.113</b>		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.0650</b>	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.0854</b>	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.0533</b>	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
218-01-9	<b>Chrysene</b>	<b>0.103</b>		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
206-44-0	<b>Fluoranthene</b>	<b>0.137</b>		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 11:32	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.0502</b>	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
129-00-0	<b>Pyrene</b>	<b>0.171</b>		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.393	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 11:32	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	39.8 %									20-108
13127-88-3	Surrogate: SURR: Phenol-d6	32.5 %									23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	34.9 %									22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	34.8 %									21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	34.9 %									19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.6 %									24-116

**Pesticides, 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
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### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Pesticides, 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	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:03	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/23/2025 08:00	05/24/2025 05:03	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:03	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Pesticides, 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
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:03	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0393	5	EPA 8081B Certifications:	05/23/2025 08:00	05/24/2025 05:03	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	39.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.1 %	30-150							

**Polychlorinated Biphenyls, 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	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:01	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:01	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:01	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	05/23/2025 08:00	05/24/2025 11:01	NF
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %	30-120							



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

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Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Polychlorinated Biphenyls, 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
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %			30-120					

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:44	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:44	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:44	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	61.6 %			21-150					

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>104</b>		mg/kg dry	11.6	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 09:06	05/22/2025 11:31	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacontane	108 %			30-150					

**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	<b>Aluminum</b>	<b>11600</b>		mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-36-0	<b>Antimony</b>	<b>3.55</b>		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-38-2	<b>Arsenic</b>	<b>15.6</b>		mg/kg dry	1.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-39-3	<b>Barium</b>	<b>553</b>		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-41-7	<b>Beryllium</b>	<b>1.84</b>		mg/kg dry	0.050	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 13:58	AGNR



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**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
7440-43-9	Cadmium	1.41		mg/kg dry	0.299	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-70-2	Calcium	16600		mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-47-3	Chromium	14.6		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-48-4	Cobalt	11.3		mg/kg dry	0.398	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-50-8	Copper	429		mg/kg dry	1.99	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7439-89-6	Iron	20500		mg/kg dry	24.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7439-92-1	Lead	830		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7439-95-4	Magnesium	5380		mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7439-96-5	Manganese	229		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-02-0	Nickel	23.7		mg/kg dry	0.992	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-09-7	Potassium	1260		mg/kg dry	4.98	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-22-4	Silver	0.936		mg/kg dry	0.502	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-23-5	Sodium	1670		mg/kg dry	49.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-62-2	Vanadium	45.3		mg/kg dry	0.992	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR
7440-66-6	Zinc	673		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:58	AGNR

**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	1.45		mg/kg dry	0.0358	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	05/20/2025 13:18	05/21/2025 11:48	DBT



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1084-02

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**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	0.597	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044	05/20/2025 14:29	05/20/2025 23:15	SML

**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	14.6		mg/kg	0.500	1	Calculation Certifications:	05/21/2025 17:58	05/21/2025 18:03	SL

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.612		mg/kg dry	0.597	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04	05/21/2025 08:51	05/21/2025 14:17	LJM

**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	83.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/20/2025 06:32	05/20/2025 08:25	SMM

### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 15:20	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.091	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
67-64-1	<b>Acetone</b>	<b>0.0067</b>	J	mg/kg dry	0.0045	0.0091	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 15:20	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 15:20	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:20	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS





### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	ICVE, QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:20	PRS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	97.7 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.3 %	76-130

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854	05/22/2025 08:31	05/27/2025 12:02	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	42.7 %	20-108
13127-88-3	Surrogate: SURRE: Phenol-d6	35.2 %	23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	40.3 %	22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	40.5 %	21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	36.8 %	19-110
1718-51-0	Surrogate: SURRE: Terphenyl-d14	45.0 %	24-116

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.187	0.374	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.  
25E1084

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 15, 2025 11:00 am

Date Received  
05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	0.0934	J	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/27/2025 12:02	SS
50-32-8	Benzo(a)pyrene	0.0620	J	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/27/2025 12:02	SS
205-99-2	Benzo(b)fluoranthene	0.0732	J	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/27/2025 12:02	SS
191-24-2	Benzo(g,h,i)perylene	0.0486	J	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/27/2025 12:02	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0935	0.187	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
218-01-9	Chrysene	0.0777	J	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/27/2025 12:02	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
206-44-0	<b>Fluoranthene</b>	<b>0.185</b>		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 12:02	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
85-01-8	<b>Phenanthrene</b>	<b>0.0994</b>		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
129-00-0	<b>Pyrene</b>	<b>0.181</b>		mg/kg dry	0.0468	0.0935	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.374	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 12:02	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.7 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	35.2 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	40.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	40.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	36.8 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	45.0 %	24-116								

**Pesticides, 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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:20	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/23/2025 08:00	05/24/2025 05:20	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Pesticides, 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
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:20	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:20	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications:	05/23/2025 08:00	05/24/2025 05:20	RJ

**Surrogate Recoveries**

	Surrogate	Result	Acceptance Range
2051-24-3	Surrogate: Decachlorobiphenyl	42.5 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	54.6 %	30-150

**Polychlorinated Biphenyls, 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	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Polychlorinated Biphenyls, 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	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:15	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:15	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:15	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/23/2025 08:00	05/24/2025 11:15	NF

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	43.5 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %	30-120

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:51	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:51	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:51	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	66.4 %	21-150
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**Total Petroleum Hydrocarbons-DRO (C10-C28)**

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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>26.0</b>		mg/kg dry	10.8	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 09:06	05/22/2025 11:42	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

638-68-6	Surrogate: Triacotane	76.4 %	30-150
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**Metals, Target Analyte**

Log-in Notes:

Sample Notes:





## Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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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	<b>Aluminum</b>	<b>6480</b>		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-38-2	<b>Arsenic</b>	<b>6.41</b>		mg/kg dry	1.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-39-3	<b>Barium</b>	<b>50.0</b>		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.215</b>		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-70-2	<b>Calcium</b>	<b>2060</b>		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-47-3	<b>Chromium</b>	<b>16.3</b>		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-48-4	<b>Cobalt</b>	<b>7.66</b>		mg/kg dry	0.379	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-50-8	<b>Copper</b>	<b>32.0</b>		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7439-89-6	<b>Iron</b>	<b>15100</b>		mg/kg dry	23.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7439-92-1	<b>Lead</b>	<b>47.7</b>		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7439-95-4	<b>Magnesium</b>	<b>2920</b>		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7439-96-5	<b>Manganese</b>	<b>224</b>		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-02-0	<b>Nickel</b>	<b>28.5</b>		mg/kg dry	0.946	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-09-7	<b>Potassium</b>	<b>1210</b>		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-23-5	<b>Sodium</b>	<b>855</b>		mg/kg dry	47.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR
7440-62-2	<b>Vanadium</b>	<b>21.2</b>		mg/kg dry	0.946	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 13:59	AGNR



## Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**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
7440-66-6	Zinc	87.9		mg/kg dry	2.36	1	EPA 6010D	05/19/2025 14:41	05/20/2025 13:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.291		mg/kg dry	0.0342	1	EPA 7473	05/20/2025 13:18	05/21/2025 11:48	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

**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	0.570	1	EPA 7196A	05/20/2025 14:29	05/20/2025 23:15	SML
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04		

**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	16.3		mg/kg	0.500	1	Calculation	05/21/2025 17:58	05/21/2025 18:03	SL
							Certifications:			

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.570	1	EPA 9014/9010C	05/21/2025 08:51	05/21/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

**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	87.8		%	0.100	1	SM 2540G	05/20/2025 06:32	05/20/2025 08:25	SMM
							Certifications:	CTDOH-PH-0723		



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 15:48	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
67-64-1	<b>Acetone</b>	<b>0.0064</b>	J	mg/kg dry	0.0048	0.0096	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 15:48	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	05/17/2025 09:57	05/17/2025 15:48	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

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Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 15:48	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 15:48	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.8 %			76-130						

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	98.9	198	2	EPA 8270D Certifications: NELAC-NY10854	05/22/2025 08:31	05/25/2025 02:28	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURRE: 2-Fluorophenol	40.8 %			20-108						
13127-88-3	Surrogate: SURRE: Phenol-d6	39.0 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	45.7 %			22-108						



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Soil

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05/15/2025

**Semi-Volatiles, Parathion by 8270**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	35.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.3 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS



### Sample Information

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Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
83-32-9	<b>Acenaphthene</b>	<b>0.0522</b>	J	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS





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Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.198	0.396	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
120-12-7	<b>Anthracene</b>	<b>0.141</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
100-52-7	<b>Benzaldehyde</b>	<b>0.0554</b>	J	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.198	0.396	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.322</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.255</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.280</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.168</b>	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.101</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0989	0.198	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS
218-01-9	<b>Chrysene</b>	<b>0.304</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/22/2025 08:31	05/25/2025 02:28	SS



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
206-44-0	<b>Fluoranthene</b>	<b>0.539</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
86-73-7	<b>Fluorene</b>	<b>0.0498</b>	J	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/25/2025 02:28	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.159</b>	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
86-30-6	<b>N-Nitrosodiphenylamine</b>	<b>0.0538</b>	J	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

York Project (SDG) No.  
25E1084

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 15, 2025 11:00 am

Date Received  
05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
85-01-8	<b>Phenanthrene</b>	<b>0.575</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
108-95-2	Phenol	ND		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
129-00-0	<b>Pyrene</b>	<b>0.691</b>		mg/kg dry	0.0496	0.0989	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.198	0.396	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/25/2025 02:28	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.8 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	39.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	35.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.3 %			24-116						

**Pesticides, 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	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:38	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ



## Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Pesticides, 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
60-57-1	Dieldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/23/2025 08:00	05/24/2025 05:38	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:38	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:38	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0397	5	EPA 8081B Certifications:	05/23/2025 08:00	05/24/2025 05:38	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**

2051-24-3	Surrogate: Decachlorobiphenyl	33.6 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	56.4 %	30-150

**Polychlorinated Biphenyls, 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	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF



## Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

York Project (SDG) No.

Client Project ID

Matrix

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25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Polychlorinated Biphenyls, 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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:28	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:28	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:28	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications:	05/23/2025 08:00	05/24/2025 11:28	NF

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %	30-120

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0238	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:58	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0238	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:58	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0238	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 15:58	GXB

**Surrogate Recoveries**

**Result**

**Acceptance Range**

19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	61.8 %	21-150
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**Total Petroleum Hydrocarbons-DRO (C10-C28)**

Log-in Notes:

Sample Notes:



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>121</b>		mg/kg dry	11.6	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-0440	05/21/2025 09:06	05/22/2025 11:42	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
638-68-6	Surrogate: Triacontane	115 %		30-150						

**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	<b>Aluminum</b>	<b>5840</b>		mg/kg dry	5.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-38-2	<b>Arsenic</b>	<b>19.0</b>		mg/kg dry	1.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-39-3	<b>Barium</b>	<b>116</b>		mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.408</b>		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-43-9	<b>Cadmium</b>	<b>0.301</b>		mg/kg dry	0.301	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-70-2	<b>Calcium</b>	<b>6030</b>		mg/kg dry	5.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-47-3	<b>Chromium</b>	<b>13.6</b>		mg/kg dry	0.503	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-48-4	<b>Cobalt</b>	<b>8.90</b>		mg/kg dry	0.402	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-50-8	<b>Copper</b>	<b>97.0</b>		mg/kg dry	2.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7439-89-6	<b>Iron</b>	<b>15200</b>		mg/kg dry	25.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7439-92-1	<b>Lead</b>	<b>269</b>		mg/kg dry	0.503	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7439-95-4	<b>Magnesium</b>	<b>2540</b>		mg/kg dry	5.03	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7439-96-5	<b>Manganese</b>	<b>189</b>		mg/kg dry	0.503	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-02-0	<b>Nickel</b>	<b>21.4</b>		mg/kg dry	1.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-09-7	<b>Potassium</b>	<b>1160</b>		mg/kg dry	5.03	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	05/19/2025 14:41	05/20/2025 14:01	AGNR



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**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
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-23-5	Sodium	810		mg/kg dry	50.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-62-2	Vanadium	21.3		mg/kg dry	1.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:01	AGNR
7440-66-6	Zinc	154		mg/kg dry	2.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:01	AGNR

**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	1.99		mg/kg dry	0.0362	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	05/20/2025 13:18	05/21/2025 11:48	DBT

**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	0.603	1	EPA 7196A Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044	05/20/2025 14:29	05/20/2025 23:15	SML

**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	13.6		mg/kg	0.500	1	Calculation Certifications:	05/21/2025 17:58	05/21/2025 18:03	SL

**Cyanide, Total**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.603	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/21/2025 08:51	05/21/2025 14:17	LJM



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1084-04

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**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	82.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	05/20/2025 06:32	05/20/2025 08:25	SMM

### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by 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	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	05/17/2025 09:57	05/17/2025 16:15	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS





### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
108-10-1	4-Methyl-2-pentanone	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
67-64-1	Acetone	0.0068	J	mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
74-87-3	Chloromethane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
79-20-9	<b>Methyl acetate</b>	<b>0.037</b>		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Volatile Organics, NJDEP/TCL/Part 375**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	05/17/2025 09:57	05/17/2025 16:15	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	05/17/2025 09:57	05/17/2025 16:15	PRS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	05/17/2025 09:57	05/17/2025 16:15	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
75-01-4	Vinyl Chloride	ND	QL-02	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/17/2025 09:57	05/17/2025 16:15	PRS

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Volatiles Organics, NJDEP/TCL/Part 375**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.2 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.2 %			76-130						

**Semi-Volatiles, Parathion by 8270**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-38-2	Parathion	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: NELAC-NY10854	05/22/2025 08:31	05/27/2025 13:02	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.2 %			20-108						
13127-88-3	Surrogate: SURR: Phenol-d6	31.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	33.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	35.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	31.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	42.1 %			24-116						

**Semi-Volatiles, 8270 Comprehensive**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

**York Project (SDG) No.**  
25E1084

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 15, 2025 11:00 am

**Date Received**  
05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.183	0.366	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.  
25E1084

Client Project ID  
Sunset Park, Brooklyn

Matrix  
Soil

Collection Date/Time  
May 15, 2025 11:00 am

Date Received  
05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0913	0.182	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/22/2025 08:31	05/27/2025 13:02	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Semi-Volatiles, 8270 Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0457	0.0913	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:31	05/27/2025 13:02	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	37.2 %	20-108
13127-88-3	Surrogate: SURR: Phenol-d6	31.6 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	33.9 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	35.1 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	31.3 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	42.1 %	24-116

**Pesticides, 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
120 RESEARCH DRIVE	STRATFORD, CT 06615		■			132-02 89th AVENUE				RICHMOND HILL, NY 11418
www.YORKLAB.com	(203) 325-1371					FAX (203) 357-0166				ClientServices@





## Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Pesticides, 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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:55	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	05/23/2025 08:00	05/24/2025 05:55	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	05/23/2025 08:00	05/24/2025 05:55	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Pesticides, 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
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 05:55	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B Certifications:	05/23/2025 08:00	05/24/2025 05:55	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	38.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.6 %	30-150							

**Polychlorinated Biphenyls, 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 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/23/2025 08:00	05/24/2025 11:42	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:42	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/23/2025 08:00	05/24/2025 11:42	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/23/2025 08:00	05/24/2025 11:42	NF
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %	30-120							



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Polychlorinated Biphenyls, 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
2051-24-3	Surrogate: Decachlorobiphenyl	40.0 %			30-120					

**Herbicides, 8151 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 16:05	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 16:05	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 09:10	05/21/2025 16:05	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.0 %			21-150					

**Total Petroleum Hydrocarbons-DRO (C10-C28)**

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
68334-30-5	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>14.8</b>		mg/kg dry	10.8	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	05/21/2025 09:06	05/22/2025 11:54	GXB
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
638-68-6	Surrogate: Triacontane	81.3 %			30-150					

**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	<b>Aluminum</b>	<b>7490</b>		mg/kg dry	4.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-38-2	<b>Arsenic</b>	<b>2.81</b>		mg/kg dry	1.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-39-3	<b>Barium</b>	<b>65.3</b>		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-41-7	<b>Beryllium</b>	<b>0.235</b>		mg/kg dry	0.047	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1084

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**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
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-70-2	Calcium	1710		mg/kg dry	4.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-47-3	Chromium	14.1		mg/kg dry	0.464	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-48-4	Cobalt	6.65		mg/kg dry	0.371	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-50-8	Copper	13.7		mg/kg dry	1.85	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7439-89-6	Iron	13700		mg/kg dry	23.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7439-92-1	Lead	9.22		mg/kg dry	0.464	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7439-95-4	Magnesium	3200		mg/kg dry	4.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7439-96-5	Manganese	314		mg/kg dry	0.464	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-02-0	Nickel	14.7		mg/kg dry	0.924	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-09-7	Potassium	1930		mg/kg dry	4.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-23-5	Sodium	807		mg/kg dry	46.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-62-2	Vanadium	21.7		mg/kg dry	0.924	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR
7440-66-6	Zinc	34.2		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 14:41	05/20/2025 14:02	AGNR

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.178		mg/kg dry	0.0334	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	05/20/2025 13:18	05/21/2025 11:48	DBT



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1084-05

<u>York Project (SDG) No.</u> 25E1084	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**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 Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044	05/20/2025 14:29	05/20/2025 23:15	SML

**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	13.6		mg/kg	0.500	1	Calculation Certifications:	05/21/2025 17:58	05/21/2025 18:03	SL

**Cyanide, Total**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.556	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	05/21/2025 08:51	05/21/2025 14:17	LJM

**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 Certifications: CTDOH-PH-0723	05/20/2025 06:32	05/20/2025 08:25	SMM

### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1087-01

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**VOA, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
107-06-2	1,2-Dichloroethane	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1087-01

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
78-93-3	2-Butanone	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 21:48	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.8 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	96.7 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.6 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:00	05/25/2025 00:16	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
95-48-7	2-Methylphenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1087-01

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
1319-77-3	Cresols, total	ND		mg/L	0.0200	0.0300	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/22/2025 08:00	05/25/2025 00:16	SS
118-74-1	Hexachlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
67-72-1	Hexachloroethane	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
98-95-3	Nitrobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
87-86-5	Pentachlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS
110-86-1	Pyridine	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:16	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	41.1 %	10-90.9
13127-88-3	Surrogate: SURR: Phenol-d6	29.0 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.5 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.6 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	96.5 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	62.0 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:10	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:10	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:10	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:10	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:10	RJ



### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1087-01

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/L	0.00100	0.00100	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:10	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	61.1 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.6 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:14	GXB	
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:14	GXB	
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	74.2 %			10-130						

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR
7439-92-1	<b>Lead</b>	<b>1.22</b>		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:52	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

Log-in Notes:

Sample Notes:





### Sample Information

**Client Sample ID:** SB-10

**York Sample ID:** 25E1087-01

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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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
pH	pH	9.38	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 14:21	05/20/2025 18:18	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/21/2025 14:57	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	16.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/21/2025 20:30	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

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
TEMP	* Temperature	21.8	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 14:21	05/20/2025 18:18	sml
							Certifications:			

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/16/2025 09:58	05/16/2025 17:39	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 19:15	05/17/2025 12:53	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



Sample Information

Client Sample ID: SB-10

York Sample ID: 25E1087-01

York Project (SDG) No. 25E1087

Client Project ID Sunset Park, Brooklyn

Matrix Soil

Collection Date/Time May 15, 2025 11:00 am

Date Received 05/15/2025

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 18:50, 05/17/2025 12:53, MJD. Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 19:25, 05/17/2025 12:54, MJD. Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Analyzed by: ALS-Rochester

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, 0.20, U, ug/L, 0.20, 1, EPA 7470/1311, 05/28/2025 14:43, 05/28/2025 14:43. Certifications:

Sample Information

Client Sample ID: SB-11

York Sample ID: 25E1087-02

York Project (SDG) No. 25E1087

Client Project ID Sunset Park, Brooklyn

Matrix Soil

Collection Date/Time May 15, 2025 11:00 am

Date Received 05/15/2025

VOA, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-4: 75-35-4 1,1-Dichloroethylene, 107-06-2 1,2-Dichloroethane, 106-46-7 1,4-Dichlorobenzene, 78-93-3 2-Butanone. All results are ND.



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1087-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
127-18-4	Tetrachloroethylene	ND	QL-02, ICVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:15	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	96.3 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.9 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:00	05/25/2025 00:46	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
95-48-7	2-Methylphenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
1319-77-3	Cresols, total	ND		mg/L	0.0200	0.0300	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/22/2025 08:00	05/25/2025 00:46	SS



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1087-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
67-72-1	Hexachloroethane	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
98-95-3	Nitrobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
87-86-5	Pentachlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS
110-86-1	Pyridine	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/25/2025 00:46	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	30.4 %	10-90.9
13127-88-3	Surrogate: SURR: Phenol-d6	21.7 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	43.3 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	40.3 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.5 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	45.6 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:27	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:27	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:27	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:27	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:27	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00100	0.00100	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:27	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1087-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	57.5 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.4 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:21	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:21	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	74.4 %					10-130			

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR
7439-92-1	<b>Lead</b>	<b>19.0</b>		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 14:53	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
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### Sample Information

**Client Sample ID:** SB-11

**York Sample ID:** 25E1087-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	8.01	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 14:21	05/20/2025 18:20	sml
Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440										

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/21/2025 14:57	05/21/2025 20:30	sml
Certifications: CTDOH-PH-0723,PADEP-68-04440										

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	16.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/21/2025 20:30	05/21/2025 20:30	sml
Certifications: CTDOH-PH-0723,PADEP-68-04440										

**Temperature**

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
TEMP	* Temperature	21.7	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 14:21	05/20/2025 18:20	sml
Certifications:										

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/16/2025 09:58	05/16/2025 17:39	JMT
Certifications:										

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 19:15	05/17/2025 12:53	MJD
Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044										

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for SVOA/PEST/HERBS

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



Sample Information

Client Sample ID: SB-11

York Sample ID: 25E1087-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 18:50, 05/17/2025 12:53, MJD. Certifications: NELAC-NY10854, CTDOH-PH-0723, NJDEP-CT005, PADEP-68-044

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 19:25, 05/17/2025 12:54, MJD. Certifications: NELAC-NY10854, CTDOH-PH-0723, NJDEP-CT005, PADEP-68-044

Analyzed by: ALS-Rochester

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, 0.20, U, ug/L, 0.20, 1, EPA 7470/1311, 05/28/2025 14:45, 05/28/2025 14:45. Certifications:

Sample Information

Client Sample ID: SB-12

York Sample ID: 25E1087-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

VOA, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-4: 75-35-4 1,1-Dichloroethylene, 107-06-2 1,2-Dichloroethane, 106-46-7 1,4-Dichlorobenzene, 78-93-3 2-Butanone. All results are ND.



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1087-03

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 22:42	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	101 %			65-135						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	96.2 %			86-118						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	98.0 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:00	05/27/2025 15:02	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
95-48-7	2-Methylphenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
1319-77-3	Cresols, total	ND		mg/L	0.0200	0.0300	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/22/2025 08:00	05/27/2025 15:02	SS





### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1087-03

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
67-72-1	Hexachloroethane	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
98-95-3	Nitrobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
87-86-5	Pentachlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS
110-86-1	Pyridine	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:02	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	23.0 %	10-90.9
13127-88-3	Surrogate: SURR: Phenol-d6	13.4 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	28.1 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	26.6 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	25.9 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	35.6 %	25.8-110

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:44	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:44	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:44	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:44	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:44	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00100	0.00100	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 03:44	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1087-03

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	54.2 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:28	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:28	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.6 %			10-130					

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:01	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
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### Sample Information

**Client Sample ID:** SB-12

**York Sample ID:** 25E1087-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	9.61	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 14:21	05/20/2025 18:23	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/21/2025 14:57	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/21/2025 20:30	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

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
TEMP	* Temperature	21.9	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 14:21	05/20/2025 18:23	sml
							Certifications:			

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/16/2025 09:58	05/16/2025 17:39	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 19:15	05/17/2025 12:53	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

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



Sample Information

Client Sample ID: SB-12

York Sample ID: 25E1087-03

York Project (SDG) No. 25E1087

Client Project ID Sunset Park, Brooklyn

Matrix Soil

Collection Date/Time May 15, 2025 11:00 am

Date Received 05/15/2025

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 18:50, 05/17/2025 12:53, MJD. Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 19:25, 05/17/2025 12:54, MJD. Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Analyzed by: ALS-Rochester

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, 0.20, U, ug/L, 0.20, 1, EPA 7470/1311, 05/28/2025 14:48, 05/28/2025 14:48. Certifications:

Sample Information

Client Sample ID: SB-13

York Sample ID: 25E1087-04

York Project (SDG) No. 25E1087

Client Project ID Sunset Park, Brooklyn

Matrix Soil

Collection Date/Time May 15, 2025 11:00 am

Date Received 05/15/2025

VOA, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows: 75-35-4 1,1-Dichloroethylene, 107-06-2 1,2-Dichloroethane, 106-46-7 1,4-Dichlorobenzene, 78-93-3 2-Butanone. All results are ND.



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1087-04

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:10	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	99.6 %			65-135						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	96.5 %			86-118						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	98.1 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:00	05/27/2025 15:32	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
95-48-7	2-Methylphenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
1319-77-3	Cresols, total	ND		mg/L	0.0200	0.0300	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/22/2025 08:00	05/27/2025 15:32	SS



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1087-04

**York Project (SDG) No.**  
25E1087

**Client Project ID**  
Sunset Park, Brooklyn

**Matrix**  
Soil

**Collection Date/Time**  
May 15, 2025 11:00 am

**Date Received**  
05/15/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
67-72-1	Hexachloroethane	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
98-95-3	Nitrobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
87-86-5	Pentachlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
110-86-1	Pyridine	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 15:32	SS
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: SURRE: 2-Fluorophenol	17.8 %		10-90.9							
13127-88-3	Surrogate: SURRE: Phenol-d6	11.9 %		10-69.2							
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	21.5 %		19.2-141							
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	20.1 %	S-08	24.8-127							
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	22.2 %	S-08	23-163							
1718-51-0	Surrogate: SURRE: Terphenyl-d14	27.5 %		25.8-110							

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:01	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:01	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:01	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:01	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:01	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00100	0.00100	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:01	RJ
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							



### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1087-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**PEST, TCLP RCRA List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	62.4 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.1 %			30-150						

**HERB, TCLP Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:35	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:35	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	76.4 %					10-130			

**Metals, TCLP RCRA**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR
7439-92-1	<b>Lead</b>	<b>0.128</b>		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:09	05/19/2025 15:02	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
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### Sample Information

**Client Sample ID:** SB-13

**York Sample ID:** 25E1087-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	7.36	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 14:21	05/20/2025 18:25	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/21/2025 14:57	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/21/2025 20:30	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

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
TEMP	* Temperature	21.4	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 14:21	05/20/2025 18:25	sml
							Certifications:			

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/16/2025 09:58	05/16/2025 17:39	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 19:15	05/17/2025 12:53	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

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





Sample Information

Client Sample ID: SB-13

York Sample ID: 25E1087-04

York Project (SDG) No. 25E1087

Client Project ID Sunset Park, Brooklyn

Matrix Soil

Collection Date/Time May 15, 2025 11:00 am

Date Received 05/15/2025

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 18:50, 05/17/2025 12:53, MJD. Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 05/16/2025 19:25, 05/17/2025 12:54, MJD. Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Analyzed by: ALS-Rochester

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, 0.20, U, ug/L, 0.20, 1, EPA 7470/1311, 05/28/2025 14:50, 05/28/2025 14:50. Certifications:

Sample Information

Client Sample ID: SB-14

York Sample ID: 25E1087-05

York Project (SDG) No. 25E1087

Client Project ID Sunset Park, Brooklyn

Matrix Soil

Collection Date/Time May 15, 2025 11:00 am

Date Received 05/15/2025

VOA, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows 1-4: 75-35-4 1,1-Dichloroethylene, 107-06-2 1,2-Dichloroethane, 106-46-7 1,4-Dichlorobenzene, 78-93-3 2-Butanone. All results are ND.



## Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1087-05

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**VOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
56-23-5	Carbon tetrachloride	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
108-90-7	Chlorobenzene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
67-66-3	Chloroform	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
79-01-6	Trichloroethylene	ND		mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
75-01-4	Vinyl Chloride	ND	CCVE	mg/L	0.025	0.050	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	05/19/2025 14:58	05/19/2025 23:37	PRS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	99.6 %			65-135						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	96.0 %			86-118						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	96.8 %			84.2-124						

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	05/22/2025 08:00	05/27/2025 21:39	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
95-48-7	2-Methylphenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
1319-77-3	Cresols, total	ND		mg/L	0.0200	0.0300	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	05/22/2025 08:00	05/27/2025 21:39	AK



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1087-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**SVOA, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
87-68-3	Hexachlorobutadiene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
67-72-1	Hexachloroethane	ND		mg/L	0.00250	0.00500	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
98-95-3	Nitrobenzene	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
87-86-5	Pentachlorophenol	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK
110-86-1	Pyridine	ND		mg/L	0.00500	0.0100	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 08:00	05/27/2025 21:39	AK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURRE: 2-Fluorophenol	39.8 %									
13127-88-3	Surrogate: SURRE: Phenol-d6	30.7 %									
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	48.4 %									
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	49.4 %									
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	70.7 %									
1718-51-0	Surrogate: SURRE: Terphenyl-d14	66.6 %									

**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:19	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:19	RJ
76-44-8	Heptachlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:19	RJ
1024-57-3	Heptachlor epoxide	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:19	RJ
72-43-5	Methoxychlor	ND		mg/L	0.0000400	0.0000400	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:19	RJ
8001-35-2	Toxaphene	ND		mg/L	0.00100	0.00100	1	EPA 8081B/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/22/2025 07:50	05/23/2025 04:19	RJ

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1087-05

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**PEST, TCLP RCRA List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	63.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %			30-150						

**HERB, TCLP Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:42	GXB
94-75-7	2,4-D	ND		mg/L	0.00500	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 08:48	05/21/2025 18:42	GXB
	<b>Surrogate Recoveries</b>	<b>Result</b>					<b>Acceptance Range</b>			
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	73.2 %					10-130			

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR
7440-39-3	Barium	ND	M-CCV 1	mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	05/19/2025 10:15	05/19/2025 15:40	AGNR

**Corrosivity (pH) by SM 4500/EPA 9045D**

**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
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### Sample Information

**Client Sample ID:** SB-14

**York Sample ID:** 25E1087-05

<u>York Project (SDG) No.</u> 25E1087	<u>Client Project ID</u> Sunset Park, Brooklyn	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 15, 2025 11:00 am	<u>Date Received</u> 05/15/2025
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**Corrosivity (pH) by SM 4500/EPA 9045D**

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
pH	pH	11.8	HT-pH	pH units	0.500	1	EPA 9045D	05/20/2025 14:21	05/20/2025 18:26	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Cyanide**

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
CREAC	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	05/21/2025 14:57	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Reactivity-Sulfide**

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
SREAC	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	05/21/2025 20:30	05/21/2025 20:30	sml
							Certifications:	CTDOH-PH-0723,PADEP-68-04440		

**Temperature**

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
TEMP	* Temperature	21.5	Z-01	°C	1.00	1	EPA 170.1	05/20/2025 14:21	05/20/2025 18:26	sml
							Certifications:			

**Ignitability**

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
IGNITB	* Ignitability	Non-Ignit.		None	1	1	EPA 1010A	05/16/2025 09:58	05/16/2025 17:39	JMT
							Certifications:			

**TCLP Extraction for METALS EPA 1311**

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 19:15	05/17/2025 12:53	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

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



**Sample Information**

**Client Sample ID:** SB-14

**York Sample ID:** 25E1087-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

25E1087

Sunset Park, Brooklyn

Soil

May 15, 2025 11:00 am

05/15/2025

**TCLP Extraction for SVOCS/PEST/HERB**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 18:50	05/17/2025 12:53	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

**TCLP Extraction for VOA by EPA 1311 ZHE**

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	05/16/2025 19:25	05/17/2025 12:54	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

**Analyzed by:** ALS-Rochester

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	0.20	U	ug/L	0.20	1	EPA 7470/1311	05/28/2025 14:53	05/28/2025 14:53	
							Certifications:			



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E1084-01	SB-10	40mL Vial with Stir Bar-Cool 4° C
25E1084-02	SB-11	40mL Vial with Stir Bar-Cool 4° C
25E1084-03	SB-12	40mL Vial with Stir Bar-Cool 4° C
25E1084-04	SB-13	40mL Vial with Stir Bar-Cool 4° C
25E1084-05	SB-14	40mL Vial with Stir Bar-Cool 4° C
25E1087-01	SB-10	40mL 01_Clear Vial Cool to 4° C
25E1087-02	SB-11	250mL Plastic Cool to 4° C
25E1087-03	SB-12	250mL Plastic Cool to 4° C
25E1087-04	SB-13	250mL Plastic Cool to 4° C
25E1087-05	SB-14	250mL Plastic Cool to 4° C



### Sample and Data Qualifiers Relating to This Work Order

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).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
EXT-COMP	Completed
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
IGN-01	Non-Ignit.
Z-01	Temp taken at time of pH
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).

### 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 current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.





**High Bias** High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

**Non-Dir.** Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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York Analytical Laboratories, Inc.  
 120 Research Drive  
 Stratford, CT 06615  
 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.  
 25B1084

Page 1 of 1

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: Applimen Corporation	Company: Same	Company: Same	Company: Same	Address: Same		SAND1048		RUSH - Next Day	
Address:	Address:	Address:	Address:	Phone: Same		YOUR Project Name		RUSH - Two Day	
Phone: Same	Phone: Same	Phone: Same	Phone: Same	Contact: Same		Sunset Park, Brooklyn		RUSH - Three Day	
Contact: Fuad Adib	Contact: Same	Contact: Same	Contact: Same	E-mail: Same				RUSH - Four Day	
E-mail:	E-mail:	E-mail:	E-mail:					Standard (5-7 Day)	

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.

Nathan Paul  
 Samples Collected by: (print your name above and sign below)

Sample Identification	Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
			Summary Report	CT RCP	Standard Excel EDD	
SB-10	S	New York	QA Report	CT RCP DQA/DUE	Standard	Pt. 375
SB-11	S	New Jersey	NY ASP A Package	NJDEP Reduced Deliverables	EQUIS (Standard)	RCRA
SB-12	S	Connecticut	NY ASP B Package	NJDEP SRP HazSite	EQUIS (Standard)	
SB-13	S	Pennsylvania				
SB-14	S	Other				
<b>Analysis Requested</b> Waste classification						
<b>Container Description</b> 2- 8oz Jars 4- TerraCore						

**Comments:**

Preservation: (check all that apply)  
 HCl \_\_\_ MeOH \_\_\_ HNO<sub>3</sub> \_\_\_ H<sub>2</sub>SO<sub>4</sub> \_\_\_ NaOH \_\_\_ ZnAc \_\_\_  
 Ascorbic Acid \_\_\_ Other: \_\_\_

Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Field Filtered Lab to Filter	Date/Time	Temp. Received at Lab
Nathan Paul/Applimen	5/15/25 3:40pm	Therrell / York	5/15/25 1540		5/15/25 17:45	5.0°C
Relinquished by / Company	3.7	Relinquished by / Company				
Relinquished by / Company		Relinquished by / Company				



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Stratford, CT 06615  
clientservices@yorklab.com  
www.yorklab.com

**YORK**  
ANALYTICAL LABORATORIES, INC.

# 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.

25E1087

Page 1 of 1

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company:	Appleton Corporation	Company:	Same	Company:	Same	SAND1048		RUSH - Next Day	
Address:		Address:		Address:		Sunset Park, Brooklyn		RUSH - Two Day	
Phone:		Phone:		Phone:				RUSH - Three Day	
Contact:	Fuad Adib	Contact:	Same	Contact:	Same			RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day)	

**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.**

**Matrix Codes**  
 S - soil / solid  
 GW - groundwater  
 DW - drinking water  
 WW - wastewater  
 O - Oil ; Other

**Matrix Codes**  
 New York  
 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:

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-10	S	5/15/25 4pm-11pm	Waste classification	2- 8oz. Jars
SB-11				4- Ferracose
SB-12				
SB-13				
SB-14				

**Comments:**

HCl \_\_\_ MeOH \_\_\_ HNO3 \_\_\_ H2SO4 \_\_\_ NaOH \_\_\_ ZnAc \_\_\_  
 Ascorbic Acid \_\_\_ Other: \_\_\_

**Preservation: (check all that apply)**

Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company
5/15/25 1540	Thad Adams / York	5/15/25 17:45	Thad Adams / York	5/15/25 17:45	Thad Adams / York	5/15/25 1800	Thad Adams / York
5/15/25 17:45	Thad Adams / York	5/15/25 1800	Thad Adams / York	5/15/25 1800	Thad Adams / York	5/15/25 1800	Thad Adams / York

**Appendix E**  
**Published Cleanup Criteria (Soil & Groundwater)**

(i) through (iv) of this paragraph.

Paragraph 375-6.7(d)(2) through Subparagraph 375-6.7(d)(3)(v) remain unchanged.

Subparagraph 375-6.7(d)(3)(vi) is repealed.

Subparagraph 375-6.7(d)(3)(vii) through Subparagraph 375-6.7(d)(3)(viii) are renumbered to Subparagraph 375-6.7(d)(3)(vi) through Subparagraph 375-6.7(d)(3)(vii).

Tables 375 6.8(a) is amended to read as follows:

- 375-6.8 Soil cleanup objective tables.
- (a) Unrestricted use soil cleanup objectives.

Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

<b>Contaminant</b>	<b>CAS Number</b>	<b>Unrestricted Use</b>
<b>Metals</b>		
Arsenic	7440-38-2	13 <sup>c</sup>
Barium	7440-39-3	[350]410
Beryllium	7440-41-7	[7.2]4.4
Cadmium	7440-43-9	2.5 <sup>c</sup>
Chromium, hexavalent <sup>e</sup>	18540-29-9	1 <sup>b</sup>
Chromium, trivalent <sup>e</sup>	16065-83-1	30 <sup>c</sup>
Copper	7440-50-8	50
Total Cyanide <sup>e, f</sup>		[27]2.3 <sup>c</sup>
Lead	7439-92-1	63 <sup>c</sup>
Manganese	7439-96-5	1600 <sup>c</sup>
Mercury (Total)		0.18 <sup>c</sup>
Nickel	7440-02-0	30
Selenium	7782-49-2	[3.9 <sup>c</sup> ]4.0 <sup>c</sup>
Silver	7440-22-4	2
Zinc	7440-66-6	109 <sup>c</sup>
<b>PCBs/Pesticides</b>		

Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
[2,4,5-TP Acid (Silvex) <sup>f</sup> ]	[93-72-1]	[3.8]
4,4'-DDE	72-55-9	0.0033 <sup>b</sup>
4,4'-DDT	50-29-3	0.0033 <sup>b</sup>
4,4'-DDD	72-54-8	0.0033 <sup>b</sup>
Aldrin	309-00-2	[.005] <u>0.0048</u> <sup>c</sup>
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	[.036] <u>0.021</u>
Chlordane (alpha)	5103-71-9	[0.094] <u>0.014</u>
delta-BHC <sup>g</sup>	319-86-8	[.04] <u>0.024</u>
[Dibenzofuran <sup>f</sup> ]	[132-64-9]	[7]
Dieldrin	60-57-1	0.005 <sup>c</sup>
Endosulfan I <sup>d, f</sup>	959-98-8	[2.4] <u>4.3</u>
Endosulfan II <sup>d, f</sup>	33213-65-9	[2.4] <u>4.3</u>
Endosulfan sulfate <sup>d, f</sup>	1031-07-8	[2.4] <u>4.3</u>
Endrin	72-20-8	0.014
Heptachlor	76-44-8	[0.042] <u>0.013</u>
Lindane	58-89-9	[0.1] <u>0.026</u>
Polychlorinated biphenyls	1336-36-3	0.1
<b>Semivolatile organic compounds</b>		
<u>1,4 Dioxane</u>	<u>123-91-1</u>	<u>0.1</u> <sup>b</sup>
Acenaphthene	83-32-9	20
Acenaphthylene <sup>f</sup>	208-96-8	100 <sup>a</sup>
Anthracene <sup>f</sup>	120-12-7	100 <sup>a</sup>
Benz(a)anthracene <sup>f</sup>	56-55-3	1 <sup>c</sup>
Benzo(a)pyrene	50-32-8	1 <sup>c</sup>

Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
Benzo(b)fluoranthene <sup>f</sup>	205-99-2	1 <sup>c</sup>
Benzo(g,h,i)perylene <sup>f</sup>	191-24-2	[100]0.64
Benzo(k)fluoranthene <sup>f</sup>	207-08-9	0.8 <sup>c</sup>
Chrysene <sup>f</sup>	218-01-9	1 <sup>c</sup>
Dibenz(a,h)anthracene <sup>f</sup>	53-70-3	0.33 <sup>b</sup>
<u>Dibenzofuran<sup>f</sup></u>	<u>132-64-9</u>	<u>2.1</u>
Fluoranthene <sup>f</sup>	206-44-0	[100 <sup>a</sup> ]85
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene <sup>f</sup>	193-39-5	0.5 <sup>c</sup>
m-Cresol <sup>f</sup>	108-39-4	0.33 <sup>b</sup>
Naphthalene <sup>f</sup>	91-20-3	12
o-Cresol <sup>f</sup>	95-48-7	0.33 <sup>b</sup>
p-Cresol <sup>f</sup>	106-44-5	0.33 <sup>b</sup>
Pentachlorophenol	87-86-5	0.8 <sup>b</sup>
Phenanthrene <sup>f</sup>	85-01-8	[100]1.1 <sup>c</sup>
Phenol	108-95-2	0.33 <sup>b</sup>
Pyrene <sup>f</sup>	129-00-0	[100]64
<b>Volatile organic compounds</b>		
1,1,1-Trichloroethane <sup>f</sup>	71-55-6	0.68
1,1-Dichloroethane <sup>f</sup>	75-34-3	0.27
1,1-Dichloroethene <sup>f</sup>	75-35-4	[0.33]0.24
1,2-Dichlorobenzene <sup>f</sup>	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02 <sup>c</sup>
cis -1,2-Dichloroethene <sup>f</sup>	156-59-2	[0.25]0.19
trans-1,2-Dichloroethene <sup>f</sup>	156-60-5	0.19
1,3-Dichlorobenzene <sup>f</sup>		

Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
[1,4 Dioxane]	[123-91-1]	[0.1 <sup>b</sup> ]
Acetone	67-64-1	[0.05] <u>0.03</u>
Aniline	62-53-3	0.038
Benzene	71-43-2	0.06
n-Butylbenzene <sup>f</sup>	104-51-8	[12] <u>18</u>
Carbon tetrachloride <sup>f</sup>	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene <sup>f</sup>	100-41-4	1
Hexachlorobenzene <sup>f</sup>	118-74-1	0.33 <sup>b</sup>
Methyl ethyl ketone	78-93-3	[0.12] <u>0.10</u>
Methyl tert-butyl ether <sup>f</sup>	1634-04-4	[0.93] <u>0.1</u>
Methylene chloride	75-09-2	0.05
<u>Nitrobenzene</u>	<u>98-95-3</u>	<u>0.08c</u>
n - Propylbenzene <sup>f</sup>	103-65-1	[3.9] <u>5</u>
sec-Butylbenzene <sup>f</sup>	135-98-8	[11] <u>25</u>
tert-Butylbenzene <sup>f</sup>	98-06-6	[5.9] <u>11</u>
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene <sup>f</sup>	95-63-6	[3.6] <u>0.51</u>
1,3,5-Trimethylbenzene <sup>f</sup>	108-67-8	[8.4] <u>0.51</u>
Vinyl chloride <sup>f</sup>	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26



All soil cleanup objectives (SCOs) are in parts per million (ppm).

Tables 375 6.8(a) footnotes (a) through (f) remain unchanged.

Table 375 6.8(b) is amended to read as follows:

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
<b>Metals</b>							
Arsenic	7440-38-2	16 <sup>f</sup>	16 <sup>f</sup>	16 <sup>f</sup>	16 <sup>f</sup>	13 <sup>f</sup>	16 <sup>f</sup>
Barium	7440-39-3	[350 <sup>f</sup> ] <u>410</u>	[400] <u>410</u>	[400] <u>410</u>	10,000 <sup>d</sup>	433	820
Beryllium	7440-41-7	[14] <u>8.8</u>	[72] <u>43</u>	[590] <u>670</u>	[2700] <u>750</u>	10	47
Cadmium	7440-43-9	2.5 <sup>f</sup>	[4.3] <u>2.5<sup>f</sup></u>	[9.3] <u>3.7</u>	[60] <u>4.4</u>	4	7.5
Chromium, hexavalent <sup>h</sup>	18540-29-9	[22] <u>1<sup>e</sup></u>	[110] <u>1<sup>e</sup></u>	[400] <u>11</u>	[800] <u>11</u>	[1 <sup>e</sup> ] <u>20</u>	19
Chromium, trivalent <sup>h</sup>	16065-83-1	[36] <u>30</u>	[180] <u>110</u>	[1500] <u>1,700</u>	[6800] <u>2,000</u>	[41] <u>160</u>	NS
Copper	7440-50-8	[270] <u>280</u>	[270] <u>280</u>	[270] <u>280</u>	10,000 <sup>d</sup>	50	1720
Total Cyanide <sup>h</sup>		[27] <u>2.6</u>	[27] <u>13</u>	[27] <u>28</u>	[10,000 <sup>d</sup> ] <u>240</u>	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63 <sup>f</sup>	450
Manganese	7439-96-5	2,000 <sup>f</sup>	2,000 <sup>f</sup>	10,000 <sup>d</sup>	10,000 <sup>d</sup>	1600 <sup>f</sup>	2,000 <sup>f</sup>
Mercury (Total)		[0.81] <u>0.26<sup>j</sup></u>	[0.81] <u>0.26<sup>j</sup></u>	[2.8] <u>1.1<sup>j</sup></u>	[5.7] <u>1.1<sup>j</sup></u>	0.18 <sup>f</sup>	0.73
Nickel	7440-02-0	[140] <u>44</u>	[310] <u>210</u>	[310] <u>320</u>	10,000 <sup>d</sup> ] <u>3,400</u>	30	130
Selenium	7782-49-2	[36] <u>22</u>	[180] <u>110</u>	[1,500] <u>1,700</u>	[6,800] <u>2,000</u>	3.9 <sup>f</sup>	4 <sup>f</sup>
Silver	7440-22-4	[36] <u>22</u>	[180] <u>110</u>	[1,500] <u>1,700</u>	[6,800] <u>2,000</u>	2	8.3
Zinc	7440-66-6	[2200] <u>1,300</u>	[10,000 <sup>d</sup> ] <u>6,600</u>	10,000 <sup>d</sup>	10,000 <sup>d</sup>	109 <sup>f</sup>	2,480

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
<b>PCBs/Pesticides</b>							
[2,4,5 TP Acid (Silvex)]	[92-72-1]	[58]	[100 <sup>a</sup> ]	[500 <sup>b</sup> ]	[1,000 <sup>c</sup> ]	[NS]	[3.8]
4,4'-DDE	72-55-9	[1.8] <u>0.78</u>	[8.9] <u>3.4</u>	[62] <u>22</u>	[120] <u>22</u>	0.0033 <sup>e</sup>	[17] <u>9.3</u>
4,4'-DDT	50-29-3	[1.7] <u>0.78</u>	[7.9] <u>3.8</u>	[47] <u>27</u>	[94] <u>27</u>	0.0033 <sup>e</sup>	[136] <u>135</u>
4,4'-DDD	72-54-8	[2.6] <u>1.2</u>	[13] <u>5</u>	[92] <u>33</u>	[180] <u>33</u>	0.0033 <sup>e</sup>	14
Aldrin	309-00-2	[0.019] <u>0.0088</u>	[0.097] <u>0.044</u>	[0.68] <u>0.33</u>	[1.4] <u>0.33</u>	0.14	0.19
alpha-BHC	319-84-6	[0.097] <u>0.044</u>	[0.48] <u>0.22</u>	[3.4] <u>1.6</u>	[6.8] <u>1.6</u>	0.04 <sup>g</sup>	0.02
beta-BHC	319-85-7	[0.072] <u>0.042</u>	[0.36] <u>0.18</u>	[3] <u>1.8</u>	[14] <u>2.9</u>	0.6	0.09
Chlordane (alpha)	5103-71-9	[0.91] <u>0.14</u>	[4.2] <u>0.65</u>	[24] <u>8.2</u>	[47] <u>11</u>	1.3	[2.9] <u>4.5</u>
delta-BHC	319-86-8	100	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	0.04 <sup>g</sup>	[0.25] <u>0.1</u>
[Dibenzofuran]	[132-64-9]	[14]	[59]	[350]	[1,000]	[NS]	[210]
Dieldrin	60-57-1	[0.039] <u>0.017</u>	[0.2] <u>0.075</u>	[1.4] <u>0.48</u>	[2.8] <u>0.48</u>	0.006	0.1
Endosulfan I	959-98-8	[4.8] <u>8.4<sup>i</sup></u>	[24] <u>35<sup>i</sup></u>	[200] <u>360<sup>i</sup></u>	[920] <u>580<sup>i</sup></u>	NS	[102] <u>65</u>
Endosulfan II	33213-65-9	[4.8] <u>8.4<sup>i</sup></u>	[24] <u>35<sup>i</sup></u>	[200] <u>360<sup>i</sup></u>	[920] <u>580<sup>i</sup></u>	NS	[102] <u>44</u>
Endosulfan sulfate	1031-07-8	[4.8] <u>8.4<sup>i</sup></u>	[24] <u>35<sup>i</sup></u>	[200] <u>360<sup>i</sup></u>	[920] <u>580<sup>i</sup></u>	NS	[1,000] <u>47</u>
Endrin	72-20-8	[2.2] <u>1.2</u>	[11] <u>5.3</u>	[89] <u>55</u>	[410] <u>87</u>	0.014	0.06
Heptachlor	76-44-8	[0.42] <u>0.12</u>	[2.1] <u>0.53</u>	[15] <u>5.1</u>	[29] <u>5.1</u>	0.14	0.38
Lindane	58-89-9	[0.28] <u>0.052</u>	[1.3] <u>0.24</u>	[9.2] <u>3.0</u>	[23] <u>4.2</u>	6	[0.1] <u>0.05</u>

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Groundwater
		Residential	Restricted-Residential	Commercial	Industrial		
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
<b>Semivolatiles</b>							
<u>1,4-Dioxane</u>	<u>123-91-1</u>	<u>1.4</u>	<u>5.7</u>	<u>36</u>	<u>36</u>	<u>0.1<sup>e</sup></u>	<u>0.1<sup>e</sup></u>
Acenaphthene	83-32-9	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	20	98
Acenaphthylene	208-96-8	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	[107]365
Anthracene	120-12-7	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
Benz(a)anthracene	56-55-3	1 <sup>f</sup>	[1 <sup>f</sup> ]1.4	[5.6]37	[11]37	NS	1 <sup>f</sup>
Benzo(a)pyrene	50-32-8	1 <sup>f</sup>	1 <sup>f</sup>	[1 <sup>f</sup> ]3.7	[1.1]3.7	2.6	22
Benzo(b)fluoranthene	205-99-2	1 <sup>f</sup>	[1 <sup>f</sup> ]1.4	[5.6]37	[11]37	NS	[1.7]2.1
Benzo(g,h,i)perylene	191-24-2	[100 <sup>a</sup> ]1.2	[100 <sup>a</sup> ]4.9	[500 <sup>b</sup> ]47	[1,000 <sup>c</sup> ]78	NS	1,000 <sup>c</sup>
Benzo(k)fluoranthene	207-08-9	[1]1.2	[3.9]4.9	[56]47	[110]78	NS	[1.7]2
Chrysene	218-01-9	[1 <sup>f</sup> ]1.2	[3.9]4.9	[56]47	[110]78	NS	1 <sup>f</sup>
Dibenz(a,h)anthracene	53-70-3	0.33 <sup>e</sup>	0.33 <sup>e</sup>	[0.56]3.7	[1.1]3.7	NS	1,000 <sup>c</sup>
<u>Dibenzofuran</u>	<u>132-64-9</u>	<u>4.2</u>	<u>18</u>	<u>180</u>	<u>290</u>	<u>NS</u>	<u>110</u>
Fluoranthene	206-44-0	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
Fluorene	86-73-7	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5 <sup>f</sup>	[0.5 <sup>f</sup> ]1.4	[5.6]37	[11]37	NS	[8.2]6.6
m-Cresol	108-39-4	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	0.33 <sup>e</sup>
Naphthalene	91-20-3	[100 <sup>a</sup> ]84 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	12
o-Cresol	95-48-7	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	0.33 <sup>e</sup>
p-Cresol	106-44-5	[34]100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	0.33 <sup>e</sup>
Pentachlorophenol	87-86-5	[2.4]0.8 <sup>c</sup>	[6.7]1.3	[6.7]6.9	[55]7	0.8 <sup>e</sup>	0.8 <sup>e</sup>

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Phenanthrene	85-01-8	[100 <sup>a</sup> ]1.2	[100 <sup>a</sup> ]4.9	[500 <sup>b</sup> ]47	[1000 <sup>c</sup> ]78	NS	1,000 <sup>c</sup>
Phenol	108-95-2	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	30	0.33 <sup>e</sup>
Pyrene	129-00-0	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1,000 <sup>c</sup>
<b>Volatiles</b>							
1,1,1-Trichloroethane	71-55-6	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	0.68
1,1-Dichloroethane	75-34-3	19	[26]47	240	[480]240	NS	0.27
1,1-Dichloroethene	75-35-4	[100 <sup>a</sup> ]0.41	[100 <sup>a</sup> ]0.98	[500 <sup>b</sup> ]5.1	[1,000 <sup>c</sup> ]5.1	NS	0.33
1,2-Dichlorobenzene	95-50-1	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	1.1
1,2-Dichloroethane	107-06-2	[2.3]2.4	[3.1]5.8	30	[60]30	10	0.02
cis-1,2-Dichloroethene	156-59-2	[59]8.7	[100 <sup>a</sup> ]41	500 <sup>b</sup>	[1,000 <sup>c</sup> ]590	NS	[0.25]0.19
trans-,2-Dichloroethene	156-60-5	[100 <sup>a</sup> ]75	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	0.19
1,3-Dichlorobenzene	541-73-1	[17]11	[49]38	280	[560]280	NS	[2.4]2.6
1,4-Dichlorobenzene	106-46-7	[9.8]10	[13]24	130	[250]130	20	1.8
[1,4 Dioxane]	[123-91-1]	[9.8]	[13]	[130]	[250]	[0.1 <sup>e</sup> ]	[0.1 <sup>e</sup> ]
Acetone	67-64-1	100 <sup>a</sup>	100 <sup>b</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	2.2	[0.05]0.03
<u>Aniline</u>	<u>62-53-3</u>	<u>6.7</u>	<u>8.1</u>	<u>36</u>	<u>36</u>	<u>32</u>	<u>0.04</u>
Benzene	71-43-2	[2.9]1.2	[4.8]3.7	[44]20	[89]20	70	0.06
<u>n</u> -Butylbenzene	104-51-8	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	[12]18
Carbon tetrachloride	56-23-5	[1.4]1.9	[2.4]7.1	[22]41	[44]41	[40]NS	0.76
Chlorobenzene	108-90-7	[100 <sup>a</sup> ]73	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	40	1.1

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Chloroform	67-66-3	[10]4.8	[49]24	[350]180	[700]180	12	0.37
Ethylbenzene	100-41-4	[30]32	[41]76	390	[780]390	NS	1
Hexachlorobenzene	118-74-1	0.33 <sup>c</sup>	[1.2]0.33 <sup>c</sup>	[6]1.8	[12]2.9	NS	3.2
Methyl ethyl ketone	78-93-3	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	100 <sup>a</sup>	[0.12]0.10
Methyl tert-butyl ether	1634-04-4	[62]40	100 <sup>a</sup>	500 <sup>b</sup>	[1,000 <sup>c</sup> ]890	NS	[0.93]0.1
Methylene chloride	75-09-2	[51]17	[100 <sup>a</sup> ]81	500 <sup>b</sup>	1,000 <sup>c</sup>	12	0.05
<u>Nitrobenzene</u>	<u>98-95-3</u>	<u>0.77</u>	<u>1.8</u>	<u>8.9</u>	<u>8.9</u>	<u>2</u>	<u>0.08<sup>f</sup></u>
n-Propylbenzene	103-65-1	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	[3.9]5
sec-Butylbenzene	135-98-8	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	[11]25
tert-Butylbenzene	98-06-6	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	NS	[5.9]11
Tetrachloroethene	127-18-4	[5.5]15	[19]18	[150]81	[300]81	2	1.3
Toluene	108-88-3	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	36	0.7
Trichloroethene	79-01-6	[10]1.7	[21]6.4	[200]54	[400]54	2	0.47
1,2,4-Trimethylbenzene	95-63-6	[47]0.51	[52]0.52	[190]2.2	[380]2.2	NS	[3.6]5.9
1,3,5- Trimethylbenzene	108-67-8	[47]0.51	[52]0.52	[190]2.2	[380]2.2	NS	[8.4]3.1
Vinyl chloride	75-01-4	[0.21]0.099	[0.9]0.48	[13]7.1	[27]7.1	NS	[0.02]0.03
Xylene (mixed)	1330-20-7	100 <sup>a</sup>	100 <sup>a</sup>	500 <sup>b</sup>	1,000 <sup>c</sup>	0.26	[1.6]1.2

All soil cleanup objectives (SCOs) are in parts per million (ppm).  
NS=Not specified. See Technical Support Document (TSD).

Table 375 6.8(b) footnotes (a) through (i) remain unchanged.

Table 375 6.8(b) footnote (j) is amended to read as follows:

<sup>j</sup> [This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD

Table 5.6-1.] Protection of public health SCOs for total mercury are based on either the Rural Soil Background Concentration for total mercury (0.3 ppm) or the most toxic mercury form that may be present in soil samples.

Subdivision 375-6.9 through Subparagraph 375-6.9(b)(2)(iii) remain unchanged.

Paragraph 375-6.9(b)(3) is amended to read as follows:

(3) Apply a cap for metals at a maximum value of 10,000 ppm. This cap does not apply to metals which may naturally occur in some areas above that level including aluminum, calcium, iron, magnesium and potassium.

Subdivision 375-6.9(c) through Paragraph 375-6.9(c)(3) remain unchanged.

Subdivision 375-6.9(e) is corrected to read as follows:

(e) Modification of soil cleanup objectives. The contaminant-specific soil cleanup objectives set forth at Tables [675]375-6.8(a) and (b) of this Subpart may be modified by site-specific data as set forth in this subdivision.

Paragraph 375 6.9(e)(1) through Paragraph 375 6.9 (f)(2) remain unchanged.

## Toxicity Characteristic Leaching Procedure (TCLP) Regulatory Levels

<b>METALS</b>	<b>TCLP Regulatory Level, mg/L</b>	<b>EPA Hazardous Waste Number</b>	<b>Recommended Test Method</b>
Arsenic	5.0	D004	7061
Barium	100.0	D005	7080
Cadmium	1.0	D006	7130
Chromium	5.0	D007	7190
Lead	5.0	D008	7420
Mercury	0.2	D009	7471
Selenium	1.0	D010	7741
Silver	5.0	D011	7760

<b>VOLATILE ORGANICS</b>	<b>TCLP Regulatory Level, mg/L</b>	<b>EPA Hazardous Waste Number</b>	<b>Recommended Test Method</b>
Benzene	0.5	D018	8260B
Carbon Tetrachloride	0.5	D019	8260B
Chlorobenzene	100.0	D021	8260B
Chloroform	6.0	D022	8260B
1,4-Dichlorobenzene	7.5	D027	8260B
1,2-Dichloroethane	0.5	D028	8260B
1,1-Dichloroethylene	0.7	D029	8260B
Methyl Ethyl Ketone	200.0	D035	8260B
Tetrachloroethylene	0.7	D039	8260B
Trichloroethylene	0.5	D040	8260B
Vinyl Chloride	0.2	D043	8260B

<b>SEMIVOLATILE ORGANICS</b>	<b>TCLP Regulatory Level, mg/L</b>	<b>EPA Hazardous Waste Number</b>	<b>Recommended Test Method</b>
o-Cresol	<sup>1</sup> 200	D023	8270C
m-Cresol	<sup>1</sup> 200	D024	8270C
p-Cresol	<sup>1</sup> 200	D025	8270C
Cresol	<sup>1</sup> 200	D026	8270C
2,4-Dinitrotoluene	0.13	D030	8270C
Hexachlorobenzene	0.13	D032	8270C
Hexachlorobutadiene	0.5	D033	8270C
Hexachloroethane	3.0	D034	8270C
Nitrobenzene	2.0	D036	8270C
Pentachlorophenol	100.0	D037	8270C
Pyridine	2 5.0	D038	8270C
2,4,5-Trichlorophenol	400.0	D041	8270C
2,4,6-Trichlorophenol	2.0	D042	8270C

<sup>1</sup>If Cresols cannot be differentiated, total cresol may be used.

<b>ORGANOCHLORINE PESTICIDES</b>	<b>TCLP Regulatory Level, mg/L</b>	<b>EPA Hazardous Waste Number</b>	<b>Recommended Test Method</b>
Chlordane	0.03	D020	8081A
Endrin	0.02	D012	8081A
Heptachlor (and its Epoxide)	0.008	D031	8081A
Lindane	0.4	D013	8081A
Methoxychlor	10.0	D014	8081A
Toxaphene	0.5	D015	8081A

<b>CHLOROPHENOXY ACID HERBICIDES</b>	<b>TCLP Regulatory Level, mg/L</b>	<b>EPA Hazardous Waste Number</b>	<b>Recommended Test Method</b>
2,4-D	10.0	D016	8150
2,4,5-TP (Silvex)	1.0	D017	8150

Reference: 40 CFR 261, Appendix II, 1993 ed., as amended by 58 FR 46040, August 31, 1993.