Field Sampling Summary Report

FSSR Prepared for:

NYCDDC Project ID: HD-161DPL

GATEWAY SITE IMPROVEMENTS

FLATLANDS AVENUE AND VANDALIA AVENUE

BROOKLYN, NEW YORK

New York City Department of Design and Construction

30-30 Thomson Ave, Queens, New York 11101

Bove Industries, Inc.

16 Hulse Road

East Setauket, NY 11733

FSSR Prepared By:

Preferred Environmental Services

William Schlageter, NYSPG

323 Merrick Avenue, Merrick NY 11566

516 546-1100

bschlageter@preferredenv.com

FSSR Preparation Date:

September 24, 2026

FSSR Revision Date:

September 28, 2026

Estimated Project Start and End Dates:

August 11 — 14, 2026

TABLE OF CONTENTS

Acronyms i
Revision Log iii
Certification Statement iv
SECTION 1: INTRODUCTION AND PROJECT PURPOSE 5
1.1 General 5
1.2 Purpose 5
1.3 Project Organization and Responsibilities 5
1.4 Site History 7
SECTION 2: SCOPE OF WORK 8
2.1 Field Sampling Scope of Work 8
2.2 Investigation Health and Safety Plan 8
SECTION 3: PHYSICAL SETTING 9
3.1 Project Area and Site Location Description 9
3.2 Topography and Drainage 7
SECTION 4: SOIL QUALITY INVESTIGATION (IF APPLICABLE) 8
SECTION 5: GROUNDWATER QUALITY INVESTIGATION (IF APPLICABLE) 12
SECTION 6: LABORATORY ANALYSIS 13
6.1 Lab Qualifications/Certifications 13
SECTION 7: RESULTS AND CONCLUSIONS 14
7.1 Soil Sample Results (if applicable) 14
7.2 Groundwater Sample Results (if applicable) 17
7.3 Conclusions 17
SECTION 8: REPORT CERTIFICATION 18

Figures

Figure 1 Project Location Map
Figure 2 Aerial View Map
Figure 3 Sample Location Map
Figure 4 NYSDEC Part 375 Exceedances – Shallow Interval
Figure 5 NYSDEC Part 375 Exceedances – Intermediate Interval
Figure 6 NYSDEC Part 375 Exceedances – Deep Interval
Figure 7 Exceedance Summary – Shallow Interval
Figure 8 Exceedance Summary – Intermediate Interval
Figure 9 Exceedance Summary – Deep Interval

Tables

Table 1 Sampling Summary (including Frequency and Analytical Methods)
Table 2A Soil Analytical Results – NYSDEC Part 375 SCOs – VOCs
Table 2B Soil Analytical Results – NYSDEC Part 375 SCOs – SVOCs, PCBs, Pesticides, Metals
Table 3A Soil Analytical Results – NJDEP SRSs – VOCs
Table 3B Soil Analytical Results – NJDEP SRSs – SVOCs, PCBs, Pesticides, Metals
Table 4 Soil Analytical Results – RCRA Characteristics, EPH, Paint Filter
Table 5 Soil Analytical Results – RCRA TCLP Criteria
Table 6 Soil Analytical Results – Lead Delineation

Appendices

Appendix A Historic Site Investigation Documents
Appendix B Field Book Contents
Appendix C Laboratory Qualifications
Appendix D Laboratory Analytical Results - Soil
Appendix E *Laboratory Analytical Results – Groundwater – Not applicable*
Appendix F Published Cleanup Criteria (Soil)

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

Item	Description
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
09/24/2026	FSSR-00	Initial submission for NYCDDC for review
09/28/2026	FSSR-01	Response to NYCDDC comments

CERTIFICATION STATEMENT

FSSR Certification by Preferred Environmental Services, Environmental Consultant working on behalf of Bove Industries, Inc. (Bove)

1. Spectrum Geological Services, PC, dba Preferred Environmental Services (Preferred) certifies that this document dated September 23, 2026, and all information included is true, accurate, and complete to the best of my 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)



William Schlageter, NYSPG / Preferred Environmental Services / 9/23/26

SECTION 1: INTRODUCTION AND PROJECT PURPOSE

1.1 General

At the request of Bove Industries, Inc. (16 Hulse Road, East Setauket NY), Preferred Environmental Services (Preferred, 323 Merrick Avenue, Merrick NY) prepared this Field Sampling Summary Report (FSSR) for submittal to the New York City Department of Design and Construction (NYCDDC). This FSSR summarizes the soil sampling activities performed between August 11 and August 14, 2026. The soil sampling activities were performed to characterize stockpiled soils that will be generated during the Gateway Site Improvements project that will require off-site disposal. The soil sampling activities were performed in accordance with the NYCDDC Accepted Field Sampling Plan (FSP) dated July 2025 and NYCDDC Specification Section 8.01 C2.

1.2 Purpose

The Gateway Site Improvement project is a beautification project to occur across multiple roadway locations, sidewalk locations, and one (1) open space area (referred to as the Soil Stockpile area).

The Soil Stockpile Area is located on a currently undeveloped property located at the southeast corner of Flatlands Avenue and Vandalia Avenue/Schenck Street, located in Brooklyn, New York. The Soil Stockpile Area is irregularly shaped and measures approximately 400 feet long and is 350 feet at its widest point. The height of the stockpile varies from 4 to 12 feet in height.

As part of the site improvement activities, soils within the aforementioned soil stockpile are to be removed and disposed of in accordance with applicable regulatory requirements, project specifications, and approved facility waste disposal requirements. Following the removal of the soil stockpile, the vacant open space area is to be graded and seeded.

It is anticipated that up to 32,000 cubic yards of soils requires removal from the Soil Stockpile Area. In accordance with the Project Specification, for stockpiled soils, the July 2025 FSP proposed a sampling frequency of one (1) waste classification sample per 500 cubic yards of material equating to sixty-four (64) total samples to be collected for submission for laboratory analysis.

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.

Environmental Project Director – The Project Director will be responsible for communicating with the Client and have overall responsibility for the project.	William Schlageter, Preferred Environmental Services Vice President, NYSPG 323 Merrick Avenue, Merrick NY 11566 516-546-1100 BSchlageter@preferredenv.com
Environmental Project Manager - 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.	William Schlageter, Preferred Environmental Services Vice President, NYSPG 323 Merrick Avenue, Merrick NY 11566 516-546-1100 BSchlageter@preferredenv.com
Health and Safety Coordinator - 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.	Christopher Zweier, Preferred Environmental Services 323 Merrick Avenue, Merrick NY 11566 516-546-1100 czweier@preferredenv.com
Site Health and Safety Officer - 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.	Esther Schonfeld, Preferred Environmental Services 323 Merrick Avenue, North Merrick, New York 11566 516 546 1100 eschonfeld@preferredenv.com

Field Staff – List Field Staff (geologists, technicians, etc. separately.	Esther Schonfeld, Preferred Environmental Services Environmental Scientist 323 Merrick Avenue, Merrick Ny 11566 516-546-1100 ESchonfeld@preferredenv.com Matthew Olivieri, Preferred Environmental Services 323 Merrick Avenue, North Merrick, New York 11566 516 546 1100 molivieri@preferredenv.com
Soil Boring Subcontractor – If in-situ soil borings are to be installed, the boring contractor and contact shall be identified.	Not Applicable
Analytical Laboratory – The analytical laboratory to be utilized for soil and/or groundwater analysis	ALS, Inc. New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) 12058 120 Research Drive, Stratford CT 06615 Rich August, Vice President 203-325-1371 Rich.August@alsglobal.com

1.4 Site History

As part of a May 2022 investigation, Louis Berger advanced (25) shallow soil borings to varying depths between 1.0 and 4.0 feet, in order to characterize soils in the stockpile. The Louis Berger May 2022 Phase II Soil Stockpile Waste Characterization Report concluded that no visual or olfactory indications of contamination or significantly elevated Photoionization Detector (PID) readings were observed in soils within any of the (25) soil borings. Fill material consisting of brown gravelly-sand, sand, sandy-silt, and silty-sand were observed within all (25) borings. Anthropogenic fill (such as asphalt, plastic, rope, glass, metal, slag, shoe soles, and rubber) were noted in soils. The results of the laboratory analysis of twenty five (25) soil samples indicated that one (1) volatile organic compound (VOC) was reported above the laboratory's reporting limit in one (1) of the twenty-five (25) soil samples; however, the concentration was below the applicable regulatory NYSDEC Part 375 Soil Cleanup Objectives (SCOs). Poly Aromatic Hydrocarbons (PAHs) were reported at concentrations above the applicable NYSDEC SCOs in five (5) of the soil samples collected. PCBs, including Aroclor-1254 and Aroclor-1262, were detected above the laboratory's reporting limits in eight of the 25 soil samples however, all concentrations were below the applicable NYSDEC SCOs.

The analytical laboratory results indicate that TCLP lead was detected above the applicable USEPA Hazardous Waste Limit of 5 milligrams per liter (mg/L) regulatory standard in two (2) of the (25) soil samples (SP2-02 [6.9 mg/L] and SP2-06 [8.4 mg/L]). These sample locations are located at the east/northeastern portions of the Soil Stockpile Area. These elevated TCLP lead concentrations

are indicative of hazardous concentrations. The prior Phase II can be referenced as Appendix A of this FSSR.

Based on the above-referenced findings, the July 2025 FSP detailed sampling procedures to delineate the extent of the hazardous lead concentrations in soils in the vicinity of SP2-02 and SP2-06 in advance of disposal. Moreover, the July 2025 FSP detailed procedures for comprehensive waste characterization sampling of soils throughout the Soil Stockpile Area in accordance with disposal facility requirements.

SECTION 2: SCOPE OF WORK

2.1 Field Sampling Scope of Work

It is anticipated that up to 32,000 cubic yards of soils requires removal from the Soil Stockpile Area. In accordance with the Project Specification, for stockpiled soils, the consultant must collect one (1) grab sample and one (1) composite sample per 500 cubic yards of soil to be excavated in-situ and/or ex-situ from stockpiles. No soils from the Soil Stockpile area are proposed for re-use on-site.

Based upon an anticipated 32,000 cubic yard stockpile (Figure 3), a total of sixty-four (64) grab and composite samples were collected for submission for laboratory analysis. Sampling locations were based on a division of the site into 500 cubic yard grids; no additional Site features were present to guide sampling locations. Sampling did not include the additional EPH/TPH samples required by select disposal facilities. This analysis will be conducted by the facility at their permit-required frequency once the facility is selected (based upon the above-waste class sampling results.).

Based upon the 2022 Louis Berger findings referenced above, lead delineation sampling was also conducted around the historic SP2-02 and SP2-06 locations, in five-foot and ten-foot step out intervals to the north, east, south ,and west of each of the aforementioned historic borings.

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 July 2025.

SECTION 3: PHYSICAL SETTING

3.1 Project Area and Site Location Description

Project Name and Address

Project/ Site Name: Gateway Site Improvements

Project Street/ Location: Bounded by Flatlands Avenue to the North, Schroeders Avenue to the South, Fountain Avenue to the East, and Schenck Avenue to the West.

City: Brooklyn

State: New York

Zip Code: 11208

Borough: Brooklyn

Block(s) and Lot(s): The Soil Stockpile Area is located on portions of Block 4443 Lot 1 and Block 4444 Lot 1.

DEC Region: 2

Business Days and hours for the project: Monday through Friday, 7AM – 3:30PM

Project Latitude/ Longitude

Latitude: 40.655454 ° N
(Decimal degrees)

Longitude: -73.878581 ° W
(Decimal degrees)

Latitude/longitude data source:

☐ MAP ☐ GPS ☒ OTHER (Please specify): Google Earth

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: Undeveloped

General Site Description

The overall HD161DPL Gateway Site Improvement project is to occur across multiple roadway locations, sidewalk locations, and one (1) open space area (referred to as the Soil Stockpile area). The Soil Stockpile Area, which is the focus of this investigation, is located on a currently undeveloped property located at the southeast corner of Flatlands Avenue and Vandalia Avenue/Schenck Street, located in Brooklyn, New York. This Field Sampling Plan has been prepared specifically for the sampling and analysis of soils within the Soil Stockpile Area. The Soil Stockpile Area consists of an estimated 32,000 cubic yards (cu yds) of soil, located on an undeveloped parcel at the corner of the southeast intersection of Flatlands Avenue and Vandalia Avenue, Brooklyn, New York. The Soil Stockpile Area is irregularly-shaped and measures approximately 400 feet long and is 350 feet at its widest point. The height of the stockpile pile varies from 4 to 12 feet in height.

Size of Construction Site

Area of Property or Corridor Length	254,787 Square Feet = 5.85 acres. Stockpile of soil to be removed is approximately 4 acres.

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

Site Limitations/Assessment

Surface runoff from the site and surrounding area is directed to two downgradient waterbodies. Hendrix Creek is located approximately 0.03 miles southwest of the Site. Jamaica Bay is also located approximately 1.2 miles southeast of the Site. These waterbodies are listed in the New York City Stormwater Manual (Table 2.4)as 303(d) impaired waterbodies. The proximity of the Site to impaired receiving waterbodies necessitates expedited soil stabilization and an increased frequency of stormwater construction inspections. These requirements are identified in the established Stormwater Pollution Prevention Plan (SWPPP) for the Site, dated July 27, 2026.

Known Soil Characteristics

Based on information provided in the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) soil map and the USDA Soil Report, soils beneath the soil stockpile are reported to consist of 100% BigApple fine sand, 0 to 3 percent slopes (BiA-HSG a). However, surficial soils sampled across the Site consist of fill material. The 2022 Louis Berger Phase II report (**Appendix A**) identified fill material in the stockpile's soils consisting of yellowish brown, pale orange, and grayish brown gravelly sand, sand, and sandy silt with anthropogenic fill including asphalt, plastic, rope, glass, metal, slag, shoe soles, and rubber.

3.2 Topography and Drainage

According to a review of the United States Geologic Survey (USGS) 7.5-minute Topographic Quadrangle Maps for Brooklyn and Jamaica (2023), the elevation of the site ranges from approximately 24 ft amsl in the northeast corner to approximately 15 ft amsl in the southwest corner. The overall topography of the surrounding area slopes toward Hendrix Creek, located approximately 0.03 miles southwest of the Site. Stormwater runoff is managed by storm drains located in the streets adjacent to the Site.



SECTION 4: SOIL QUALITY INVESTIGATION (IF APPLICABLE)

(Check one that applies):
☒ Soil quality investigation was performed
☐ Not Applicable

In-Situ Soil Sampling (Test Pits)

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 (2022 Louis Berger Phase II), limited low-level detections of VOCs and PCBs and limited elevated detections of PAHs were previously identified in soils at the Site. Elevated lead (exceeding the USEPA TCLP Hazardous Waste Criteria) was identified at the historic SP2-02 and SP2-06 locations.

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

Waste Characterization Sampling

A total of 32,000 cubic yards of soil is anticipated to be excavated and transported off-site for reuse/disposal. Sixty-four (64) soil samples were collected at a rate of one sample for every 500 cubic yards. These sixty-four (64) samples were collected from thirty-three (33) test pits. The test pits (identified as TP-1 through TP-33) were installed equidistant from each other, within the planned area of excavation as shown on **Figure 3**.

As the height of the stockpile varies throughout the Site, test pits were installed to varying depths based on the planned depth of excavation. Up to three (3) composite samples were selected from varying depths at each test pit. **Table 1** identifies each sample collected with its test pit location and depth of collection.

Sample depths varied from the original proposed depth in the July 2025 FSP, as the pile was graded during clearing and grubbing activities conducted prior to the sampling activities. The grading and clearing altered the height of portions of the stockpile from its original configuration. Samples depths were therefore selected as follows:

- Samples were selected from the 0 – 4 ft bgs interval only in grids TP-1 through TP-8, TP-15, TP-22, and TP-27.
- Samples were selected from the 0 – 5 and 5 – 10 ft bgs intervals in grids TP-18 through TP-20, TP-23, TP-25, and TP-26.
- Samples were collected from the 0 – 5 and 5 – 11 ft bgs intervals in grids TP-13, TP-16, and TP-24.
- Samples were collected from the 0 – 4 , 4 – 8, and 8 – 12 ft bgs intervals in grids TP-9 through TP-12, TP-14, TP-17, and TP-28 through TP-33.
- Samples were collected from the 0 – 4 , 4 – 8, and 8 – 13 ft bgs intervals in grid TP-21.

Each boring was screened with a photoionization detected (PID) for potential signs of volatile contamination. One discrete sample was collected from the 6-inch interval within the depth of the test pit 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. A composite sample from the remaining boring depth was collected and analyzed for the remaining analytes listed below:

- Semi-Volatile Organic Compounds (SVOCs)
- Pesticides
- Polychlorinated Biphenyls (PCBs)
- Extractable Petroleum Hydrocarbons (EPH) (Category 2 Non-fractionated)
- Target Analyte List (TAL) Metals (including Hexavalent Chromium and Cyanide)
- Resource Conservation and Recovery Act (RCRA) characteristics (including ignitability, corrosivity, reactivity (sulfide and cyanide))
- Toxicity Characteristic Leaching Procedure (TCLP) Metals
- Paint Filter Test

Composite soil samples within grids TP-7, TP-14, and TP-31, which have the potential for hazardous lead concentrations, were submitted for the analytes listed below:

- Semi-Volatile Organic Compounds (SVOCs)
- Pesticides
- Polychlorinated Biphenyls (PCBs)
- Target Analyte List (TAL) Metals plus BE, Ni, Cu, and Zn (including Hexavalent Chromium and Cyanide)
- Toxicity Characteristic Leaching Procedure (TCLP) Metals (Resource Conservation and Recovery Act [RCRA] 8 plus Be, Ni, Cu and Zn)
- Resource Conservation and Recovery Act (RCRA) characteristics (including ignitability, corrosivity, reactivity (sulfide and cyanide)
- TCLP VOCs/SVOCs, Herbicides and Pesticides
- Extractable Petroleum Hydrocarbons (EPH) (Category 2 Non-fractionated)
- Paint Filter Test

Sampling does not include the additional EPH/TPH samples required by select disposal facilities. This analysis will be conducted by the facility at their permit-required frequency once the facility is selected (based upon the above-waste class sampling results.).

Lead Delineation Sampling

In order to determine the extent of the hazardous concentrations of lead detected in the SP 2-02 and SP 2-06 samples collected by Louis Berger in 2022, delineation samples were collected as part of the test pitting sampling. Samples were collected in two (2) five (5) foot step-out distances to the north, south, east, and west of the aforementioned lead-containing samples (a total of eight delineation locations per lead sample). At each delineation sample location, grab samples were collected from four intervals (0 to 1 ft, 1 to 2 ft, 2 to 3 ft, and 3 to 4 ft) as representative of soils to be excavated from within the corresponding grids. Each grab sample was submitted for laboratory analysis for TCLP lead to evaluate the limit of the hazardous concentrations of lead.

Only the first (five foot) step-out samples were submitted for analysis. As discussed in detail below, no hazardous concentrations of lead were identified; therefore, the second (ten foot) step-out samples were determined not to require analysis.

Lead delineation samples collected from the areas surrounding the historic SP2-02 and SP2-06 were submitted for analysis of TCLP lead.

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

Bove 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. Bove also acquired all necessary permits that were required to install the subject borings. All test pit locations were located within the perimeter construction fence, preventing pedestrian traffic from accessing the work area.

All soils excavated during the test pit installations were returned to the test pit of origin. No excess soils required drumming. Each test pit was backfilled to grade; therefore, no additional backfill was necessary. Following backfilling, each test pit was returned to pre-investigation condition.

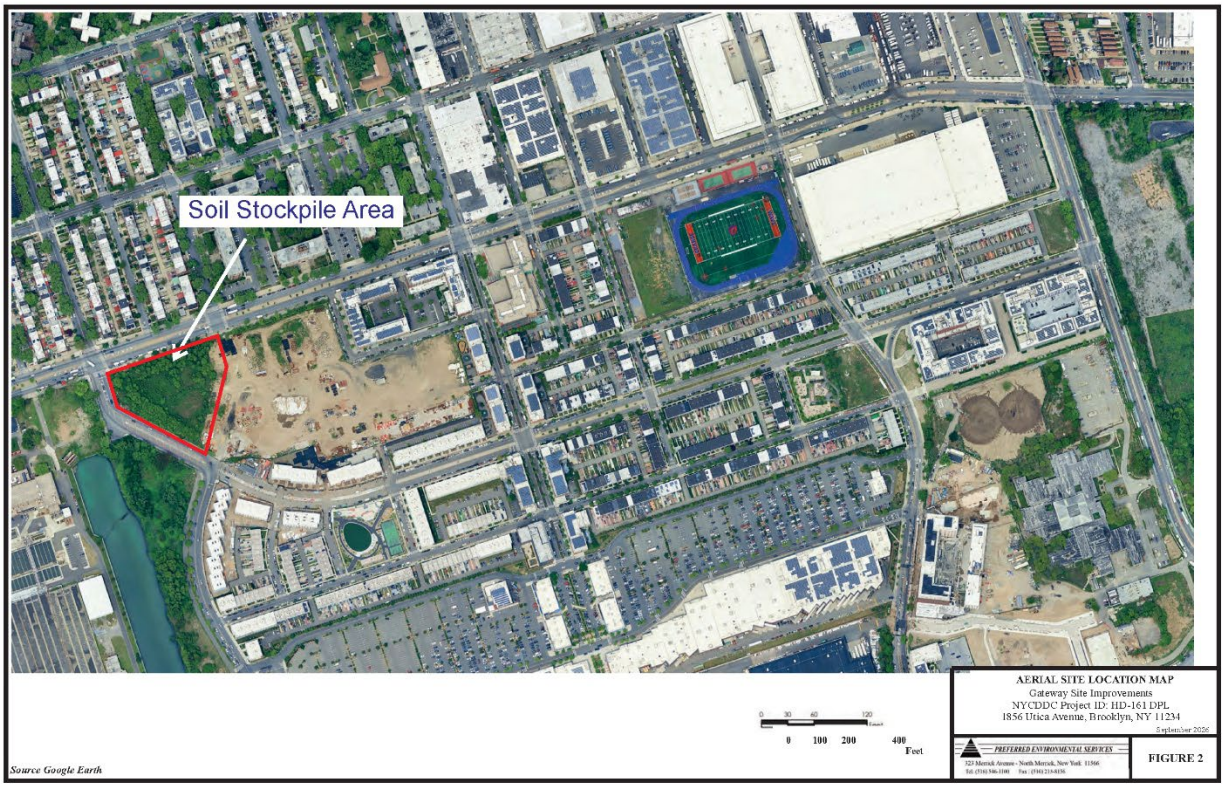
All sample containers were marked and identified with legible sample labels including project name, sample location, sample number, date and time of sampling, preservation method, and other information that may be useful in determining the sample characteristics. Chain-of-custody (COC) procedures were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



SECTION 5: GROUNDWATER QUALITY INVESTIGATION (IF APPLICABLE)

(Check one that applies):
☐ Groundwater quality investigation was performed
☒ Not Applicable

SECTION 6: LABORATORY ANALYSIS

6.1 Lab Qualifications/Certifications

Soil samples were analyzed by ALS USA Environmental. The laboratory's contact information is as follows:

Laboratory Name: ALS USA Environmental

Laboratory Address: 120 Research Drive, Stratford CT 06615

Laboratory Contact Name: Rich August

Laboratory Contact Phone Number: (203) 325-1371

As required by contract specifications, ALS USA Environmental is a NYSDOH ELAP certified laboratory (NY ELAP No. 10854). Copies of ALS USA Environmental laboratory certifications are included in **Appendix C** for reference.

ALS USA Environmental provided analytical results in a standard (10 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

Soils encountered throughout the Site generally consisted of fill material including brown to gray/brown sands, silty sands, and gravels, with concrete, brick, plastic, debris including clothing, shoe soles and fabric. Field screening of recovered soils identified some organic odors in TP-11(2'-12'), TP-12(2'-10'), and TP-13(0'-6'), and a minor petroleum odor in soils from TP-9 (5'-6'). No other odors and no visual staining or significant elevated PID responses were identified. At select boring locations (TP-19 and TP-33), limited light gray fine grained sand was identified within the last few inches of recovered material, below the fill material. This appeared to correspond with native soils beneath the stockpile.

Laboratory analysis of the collected samples generally reported multiple analytes at concentrations above laboratory Method Detection Limits (MDLs) and in many cases, above applicable NYSDEC Soil Cleanup Objectives (SCOs) and NJDEP Soil Remediation Standards (SRSs). Detections and exceedances are summarized as follows:

Waste Characterization Samples

VOCS

As indicated on **Tables 2A** and **3A,** select VOCs (including 2-butanone, 2-chloroethylvinyl ether, acetone, and carbon disulfide) were reported above laboratory MDLs in multiple samples. Of these detections, only acetone was identified at concentrations above any regulatory standards. Acetone was detected at concentrations above its NYSDEC Unrestricted Use SCO but below all other SCOs in thirty-two (32) of the collected samples. No exceedances of any NJDEP SRSs were identified.

Semi-Volatile Organic Compounds (SVOCs)

As indicated on **Tables 2B** and **3B,** select SVOCs were reported above laboratory MDLs in multiple samples. Of these detections, several were reported at concentrations above applicable regulatory standards as follows:

Nine (9) SVOCs (*benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and phenanthrene*) were each reported at concentrations exceeding NYSDEC Unrestricted Use SCOs, Residential Use SCOs, and/or Restricted Residential Use SCOs in samples CS-3, CS-7, CS-9, CS-12, CS-13, CS-15 through CS-21, CS-23 through CS-28, CS-33, CS-40, CS-41, CS-43, CS-44, CS-45, CS-52, CS-53, CS-54 and CS-57. These compounds were generally reported below Commercial and Industrial Use SCOs, with the exception of the detection of benzo(a)pyrene above its Industrial Use SCO at TP-17-CS-26 and at TP-20-CS-33.

Three (3) SVOCs (*benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene*) were each reported over their applicable NJDEP SRSs in samples CS-3, CS-7, CS-9, CS-12, CS-13, CS-15 through

CS-28, CS-33,CS-34, CS-35, CS-37, CS-39 through CS-41, CS-44, CS-45, CS-49, CS-52, CS-53, CS-54, CS-57 and CS-58. These compounds generally exceeded only their Ingestion/Dermal-Residential SRS, with the exception of select samples where benzo(a)pyrene additionally exceeded its Ingestion/Dermal-Nonresidential SRS. In all cases, no SVOCs were reported at concentrations above their Inhalation-Residential or Inhalation-Nonresidential SRSs.

Pesticides

As indicated on **Tables 2B** and **3B,** select pesticides were reported above laboratory MDLs in multiple samples. Of these detections, several were reported at concentrations above applicable regulatory standards as follows:

Five (5) pesticides (*4,4'-DDD / 4,4'-DDD[2C], 4,4'-DDE, 4,4'-DDT, alpha-chlordane / alpha-chlordane[2C], and dieldrin*) were each reported at concentrations exceeding NYSDEC Unrestricted Use SCOs but below all other applicable SCOs in samples CS-1, CS-5, CS-7 through CS-15, CS-17 through CS-21, CS-23 through CS-33, CS-35, CS-37 through CS-43, CS-45 through CS-58 , and CS-60 through CS-63.

No pesticides were reported at concentrations exceeding applicable NJDEP SRSs in any sample.

Polychlorinated Biphenyls (PCBs)

As indicated on **Tables 2B** and **3B,** select PCBs were reported above laboratory MDLs in multiple samples. Of these detections, several were reported at concentrations above applicable regulatory standards as follows:

Total PCBs was reported at concentrations exceeding its NYSDEC Unrestricted Use SCO but below all other SCOs in samples CS-9, CS-17, CS-20, CS-21, CS-23, CS-24, CS-25, CS-27, C-28, CS-29, CS-40, CS-42, CS-46 and CS-60. PCBs were reported at concentrations exceeding applicable NJDEP Ingestion/Dermal-Residential SRS in samples CS-21 and CS-42, but below all other SRSs.

There was one (1) sample (TP-10-CS-16) in which Total PCBs was reported at a significantly elevated concentration exceeding its Industrial Use SCO and its Ingestion/Dermal-Nonresidential SRS. Due to the highly elevated concentration reported (2,740 mg/Kg), Preferred requested that the laboratory re-homogenize, re-extract, and re-run the PCB analysis on this sample, to confirm the results. The re-run value was reported at 32.4 mg/Kg. Both of these values represent exceedances of the applicable Industrial Use SCO of 25 mg/Kg and Ingestion/Dermal-Nonresidential SRS of 1.1 mg/Kg, confirming that Total PCBs was significantly elevated in this sample. The difference in reported value is likely due to a PCB-hotspot in the initial run which was accounted for during re-homogenization of the sample. The presence of PCBs in the TP-10 CS-16 sample indicates that soils within this grid will require special handling and delineation will likely be required to determine the lateral extent of the PCB-impacted soils. Soils will likely be required to be handled and disposed of in accordance with the USEPA – Toxic Substances Control Act (TSCA).

Metals

As metals are naturally occurring, select metals were reported above laboratory MDLs in every sample (**Tables 2B** and **3B)**. Of these detections, several were reported at concentrations above applicable regulatory standards as follows:

Six (6) metals (*copper, lead, nickel, zinc, mercury, and hexavalent chromium*) were reported at concentrations exceeding NYSDEC Unrestricted Use SCOs in each of the sixty-four (64) samples.

These compounds were generally reported below all other SCOs, with the exception of select lead and mercury detections as follows:

Lead was reported at concentrations above its Restricted Residential Use SCO and below its Commercial and Industrial Use SCOs in samples, CS-9, CS-21, CS-29 and CS-33. Mercury was reported at concentrations above its Restricted Residential Use SCO and below its Commercial and Industrial Use SCOs in forty-five (45)of the sixty-four (64) samples and was reported at concentrations above its Industrial Use SCOs samples CS-21, CS-37, CS-38, CS-39, CS-42, CS-44, CS-48 and CS-58. Hexavalent chromium was reported at a concentration above its Restricted Residential Use SCO and below its Commercial and Industrial Use SCOs in the CS-57 sample.

Lead was reported in samples CS-8, CS-12 through CS-21, CS-23 through CS-29, CS-31, CS-32, CS-33, CS-35, CS-38, CS-41through CS-44, CS-49, CS-52 through CS-54, CS-57, CS-58 and CS-62 and cobalt was reported in sample CS-31 at concentrations exceeding their applicable NJDEP Ingestion/Dermal-Residential SRS but below all other SRSs. No other compounds were reported over applicable SRSs.

RCRA characteristics (including ignitability, corrosivity, reactivity (sulfide and cyanide) – Table 4

Ignitability – Each of the sixty-four(64) samples was reported as non-ignitable.

Corrosivity – Each of the sixty-four (64) samples reported a pH between 6.99 and 8.2 pH units.

Reactivity – Reactivity (cyanide) and reactivity(sulfide) were each reported as non-detect in each of the sixty-four(64) samples.

EPH

EPH was reported above its laboratory MDL in samples CS-23, CS-26,CS-46, CS-47 at concentrations between 47 and 270 mg/Kg.

Paint Filter Test – Table 4

The Paint Filter test reported "no free liquid" at every sample with the exception of three (3) samples (TP-13-CS-9, TP-16-CS-23, and TP-31-CS-57) that reported "free liquid present." Based on field observations (**Appendix B**) , soils sampled during this investigation were judged to be dry and these results are likely attributable to ice melt generated during sample transportation, from ice packed to preserve the samples.

TCLP Metals - Table 5

Several TCLP metals were reported over laboratory MDLS in each sample. Of these, TCLP Lead was reported over its EPA Hazardous Waste Limit of 5 mg/Kg at two (2) samples (TP-11-CS-15 at 13.8 mg/Kg and TP-19-CS-31 at 62 mg/Kg). No other TCLP metals were reported over their EPA Hazardous Waste Limits.

TCLP VOCs - Table 5

TCLP VOCs were not reported over laboratory MDLs at any sample.

TCLP SVOCs - Table 5

TCLP SVOCs were not reported over laboratory MDLs at any sample.

TCLP Herbicides - Table 5

TCLP Herbicides were not reported over laboratory MDLs at any sample.

TCLP Pesticides - Table 5

TCLP Pesticides were not reported over laboratory MDLs at any sample.

Lead Delineation Samples

As indicated on **Table 6**, TCLP Lead was reported above laboratory MDLs at nineteen (19) of the thirty-two (32) five-foot step out lead delineation samples. Of these detections, none were reported at concentrations above the applicable EPA Hazardous Waste Limit. Based on these results, the collected 10-foot step out samples were not submitted for analysis.

The laboratory analytical results overall reported contaminant concentrations that are consistent with anthropogenic fill material. No additional contaminant sources were identified based on the analytical data. Soils associated with samples CS-15 , CS-31, SP2-02 and SP2-06 will require disposal and handling in accordance with hazardous waste (lead) protocols.

Analytical results associated with the TP-10 CS-16 sample indicate that soils within this grid will require special handling and delineation will likely be required to determine the lateral extent of the PCB-impacted soils. Soils will likely be required to be handled and disposed of in accordance with the USEPA – Toxic Substances Control Act (TSCA).

The locations of each soil sample collected are shown on **Figure 3**. Exceedances of regulatory criteria are shown on **Figures 4, 5,** and **6**. Soil sample analytical results are summarized in **Tables 2A, 2B, 3A, 3B, 4,** and **5**. Laboratory soil analytical reports are included in **Appendix E**. Regulatory cleanup criteria tables are included in **Appendix F**.

7.2 Groundwater Sample Results (if applicable)

(Check one that applies):
☐ Groundwater sample results collected
☒ Not Applicable

7.3 Conclusions

Based on the analytical data received, a majority of the site soils represented in are contaminated with one or more contaminants, including VOCs, SVOCs, metals, pesticides, and PCBs. The following waste characterizations have been identified:

C&D Material (contaminants present at concentrations below Restricted Residential Use SCOs) - Soils within 0 - 4 feet in TP-1 through TP-4, TP-7, and TP-31. Soils from 4-8 feet in TP-31 and TP-32, and from 8-13 feet in TP-21 and 8-12 feet in TP-33.

Non-hazardous Contaminated (soils with contaminants exceeding one or more of their NYSDEC Restricted Use, Commercial Use or Industrial Use SCOs) – Soils from 0 -4 or 0-5 feet in TP-5, TP-6, TP-

8, TP-9, TP-11 through TP-30, TP-32 and TP-33. Soils from 4 -8 feet or 5-10 feet in TP-9 through TP-18, TP-20, TP-21, TP-23 through TP-26, TP-28, TP-29, TP-30 and TP-33. Soils from 8 -12 or 13 feet in TP-9, TP-10, TP-12, TP-14, TP-16, TP-17, TP-23, and TP-28 through TP-32.

Hazardous/TSCA-Regulated Soils – 0-4 feet in TP-10 (PCB-contaminated soils), Soils 0-4 feet SP2-02 and SP2-06 (Hazardous Lead), Soils 5-10 feet in TP-19 and 8-12 feet TP-11 (hazardous lead). Additional delineation may be required within TP-10, TP-11 and TP-19 to determine the extent of the hazardous/TSCA-regulated waste.

Figures 7, 8, and **9** depict the different soils characterizations identified during sampling.

SECTION 8: REPORT CERTIFICATION

Certification Statement

Report Certification by Preferred Environmental Services

1. Preferred Environmental Services certifies that this FSSR dated September 23, 2026 and all information included is true, accurate, and complete to the best of my 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)



William Schlageter, NYSPG / Preferred Environmental Services /9/23/26

FIGURES



Department of Design and Construction

PROJECT LOCATION MAP

Gateway Site Improvements
NYCDDC Project ID: HD-161 DPL
1856 Utica Avenue, Brooklyn, NY 11234
September 2026

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1200 Fax: (516) 213-8150

FIGURE 1

Source: USGS Topographic Map Jamaica (right) and Brooklyn (left) Quadrangles



0 30 60 120
Feet

0 100 200 400
Feet

Source Google Earth

AERIAL SITE LOCATION MAP
Gateway Site Improvements
NYCDDC Project ID: HD-161 DPL
1856 Utica Avenue, Brooklyn, NY 11234
September 2026

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
tel: (516) 546-1100 Fax : (516) 213-8156

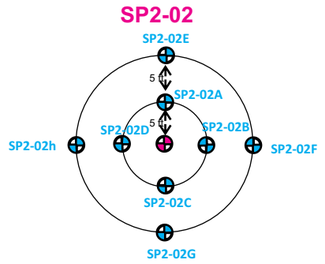
FIGURE 2

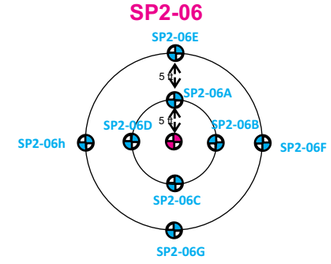




Grid Area = 58 feet by 58 feet
- total 3,364 square feet
4 foot depth = 13,456 cubic feet
= 500+/- cubic yards

Delineation borings/test pits to be completed





TP-33 - Proposed Test Pit Sample Location

SP2-06 - May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

- Proposed Lead delineation boring.

0 25 50 100 Feet

NYC DDC Department of Design and Construction

SAMPLE LOCATION MAP

Gateway Site Improvements
NYCDDC Project ID: HD-161 DPL
1856 Utica Avenue, Brooklyn, NY 11234
May 16, 2025

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1000 Fax : (516) 213-8156

FIGURE 3



TP-1 / TP-2 CS-1

Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD	0.00549
4,4'-DDT	0.00595
METALS	
Lead	144
Zinc	160
Mercury	0.253

TP-3 / TP-4 CS-2

Compound	Result (mg/Kg)
METALS	
Lead	156
Zinc	168
Mercury	0.284

TP-5 / TP-6 CS-3

Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	1.310
Benzo(a)fluoranthene	0.842
Chrysene	1.180
Phenanthrene	2.100
METALS	
Lead	172
Zinc	122
Mercury	0.315

TP-7 CS-4

Compound	Result (mg/Kg)
METALS	
Lead	185

TP-12 CS-10

Compound	Result (mg/Kg)
VOCs (CS-10 G-7)	
Acetone	0.1
PESTICIDES	
4,4'-DDD	0.0144
4,4'-DDE	0.00494
4,4'-DDT	0.00464
METALS	
Copper	51.2
Lead	217
Zinc	156
Mercury	0.592

TP-13 CS-8

Compound	Result (mg/Kg)
VOCs (CS-8 G-5)	
Acetone	0.69
PESTICIDES	
4,4'-DDD	0.00546
METALS	
Lead	201
Nickel	33.7
Zinc	190
Mercury	0.657

TP-14 CS-5

Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDT	0.00388
METALS	
Lead	115
Nickel	37
Mercury	0.563

TP-21 CS-34

Compound	Result (mg/Kg)
METALS	
Lead	146
Nickel	77.300
Zinc	122
Mercury	0.376

TP-10 CS-16

Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	2.320
Benzo(a)pyrene	2.550
Benzo(b)fluoranthene	2.190
Benzo(g,h,i)perylene	1.530
Benzo(k)fluoranthene	1.580
Chrysene	2.110
Indeno(1,2,3-cd)pyrene	1.540
Phenanthrene	1.690
METALS	
Lead	346
Zinc	193
Mercury	0.602
PCBs	
Total PCBs	*2740 / 32.4

TP-19 CS-30

Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD [2C]	0.00552
METALS	
Lead	93.700
Nickel	44.200
Mercury	0.585

TP-20 CS-32

Compound	Result (mg/Kg)
VOCs (CS-32 G-3)	
Acetone	0.15
PCBs	
Total PCBs	0.105
PESTICIDES	
4,4'-DDD	0.00863
4,4'-DDE	0.00344
4,4'-DDT	0.00427
METALS	
Copper	69.1
Lead	266
Nickel	285
Zinc	226
Mercury	0.732

TP-18 CS-28

Compound	Result (mg/Kg)
VOCs (CS-28 G-6)	
Acetone	0.09
SVOCs	
Benzo(a)anthracene	1.590
Benzo(a)pyrene	1.850
Benzo(b)fluoranthene	1.670
Benzo(g,h,i)perylene	0.979
Benzo(k)fluoranthene	1.160
Chrysene	1.480
Indeno(1,2,3-cd)pyrene	0.978
Phenanthrene	1.720
PCBs	
Total PCBs	0.105
PESTICIDES	
4,4'-DDD [2C]	0.0197
4,4'-DDE	0.00841
4,4'-DDT	0.00489
alpha-Chlordane	0.0158
METALS	
Copper	66.7
Lead	308
Zinc	285
Mercury	0.563

TP-17 CS-25

Compound	Result (mg/Kg)
VOCs (CS-25 G-8)	
Acetone	0.097
SVOCs	
Benzo(a)anthracene	1.93
Benzo(a)pyrene	2.14
Benzo(b)fluoranthene	1.81
Benzo(g,h,i)perylene	1.07
Benzo(k)fluoranthene	1.42
Chrysene	1.76
Indeno(1,2,3-cd)pyrene	1.15
Phenanthrene	1.75
PCBs	
Total PCBs	0.151
PESTICIDES	
4,4'-DDD [2C]	0.0416
4,4'-DDE	0.0126
4,4'-DDT	0.00495
alpha-Chlordane	0.0263
METALS	
Lead	347
Zinc	181
Mercury	0.849

TP-9 CS-19

Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	2.080
Benzo(a)pyrene	1.840
Benzo(b)fluoranthene	1.510
Benzo(g,h,i)perylene	1.290
Benzo(k)fluoranthene	1.350
Chrysene	2.050
Indeno(1,2,3-cd)pyrene	1.320
Phenanthrene	2.010
PESTICIDES	
4,4'-DDD	0.00797
4,4'-DDE	0.00343
4,4'-DDT	0.00407
METALS	
Copper	55.800
Lead	330
Zinc	276
Mercury	0.704

TP-26 CS-37

Compound	Result (mg/Kg)
VOCs (CS-37 G-8)	
Acetone	0.061
PESTICIDES	
4,4'-DDD [2C]	0.00525
METALS	
Lead	117
Nickel	44.4
Zinc	128
Mercury	1.4

TP-31 CS-55

Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDT	0.00393
METALS	
Lead	73.100

TP-16 CS-23

Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	2.380
Benzo(a)pyrene	2.710
Benzo(b)fluoranthene	2.260
Benzo(g,h,i)perylene	1.440
Benzo(k)fluoranthene	1.540
Chrysene	2.170
Indeno(1,2,3-cd)pyrene	1.510
Phenanthrene	2.080
PCBs	
Total PCBs	0.134
PESTICIDES	
4,4'-DDD [2C]	0.0176
4,4'-DDE	0.0143
alpha-Chlordane	0.0269
Dieldrin	0.00823
METALS	
Lead	326
Zinc	292
Mercury	0.980

TP-8 / TP-15 CS-22

Compound	Result (mg/Kg)
METALS	
Lead	110
Nickel	44
Mercury	0.381

TP-30 CS-52

Compound	Result (mg/Kg)
SVOCs	
Phenanthrene	2.270
PESTICIDES	
4,4'-DDD	0.00745
4,4'-DDE	0.00404
4,4'-DDT	0.00526
METALS	
Lead	250
Nickel	38.400
Mercury	0.207

TP-11 CS-13

Compound	Result (mg/Kg)
VOCs (CS-13 G-4)	
Acetone	0.052
SVOCs	
Benzo(a)anthracene	2.24
Benzo(a)pyrene	1.74
Benzo(b)fluoranthene	1.57
Benzo(g,h,i)perylene	1.07
Benzo(k)fluoranthene	1.42
Chrysene	2.05
Dibenzo(a,h)anthracene	0.455
Indeno(1,2,3-cd)pyrene	1.31
Phenanthrene	1.5
PESTICIDES	
4,4'-DDE	0.00667
4,4'-DDT	0.00596
METALS	
Lead	213
Zinc	167
Mercury	0.564

TP-22 CS-45

Compound	Result (mg/Kg)
SVOCs	
Indeno(1,2,3-cd)pyrene	1.130
Chrysene	1.020
Phenanthrene	2.400
PESTICIDES	
4,4'-DDD [2C]	0.00687
4,4'-DDE	0.00365
alpha-Chlordane	0.00576
METALS	
Lead	274

TP-24 CS-41

Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	1.540
Benzo(a)pyrene	1.630
Benzo(b)fluoranthene	1.520
Benzo(g,h,i)perylene	0.736
Benzo(k)fluoranthene	1.040
Chrysene	1.390
Indeno(1,2,3-cd)pyrene	0.806
Phenanthrene	1.360
PESTICIDES	
4,4'-DDD	0.0173
4,4'-DDE	0.00850
alpha-Chlordane	0.0146
METALS	
Lead	239
Zinc	148
Mercury	0.566

TP-28 CS-46

Compound	Result (mg/Kg)
PCBs	
Total PCBs	0.109
PESTICIDES	
4,4'-DDD	0.0272
4,4'-DDE	0.0149
4,4'-DDT	0.00595
alpha-Chlordane [2C]	0.0193
METALS	
Lead	145
Nickel	39
Zinc	115
Mercury	0.610

TP-29 CS-48

Compound	Result (mg/Kg)
VOCs (CS-48 G-5)	
Acetone	0.038
PESTICIDES	
4,4'-DDD	0.0157
4,4'-DDE	0.00647
4,4'-DDT	0.00461
METALS	
Lead	190
Nickel	38.50
Zinc	114
Mercury	1.13

TP-25 CS-39

Compound	Result (mg/Kg)
VOCs (CS-39 G-6)	
Acetone	0.05
PESTICIDES	
4,4'-DDD	0.0185
4,4'-DDE	0.0064
4,4'-DDT	0.00453
METALS	
Lead	180
Nickel	35.5
Zinc	136
Mercury	2.7

TP-23 CS-43

Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	0.532
PESTICIDES	
4,4'-DDD [2C]	0.00363
METALS	
Lead	72.500
Zinc	154
Mercury	0.632

TP-27 CS-58

Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD [2C]	0.00891
4,4'-DDE	0.00710
4,4'-DDT	0.0113
METALS	
Lead	212
Nickel	55.800
Zinc	173
Mercury	1.530

TP-32 CS-62

Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD [2C]	0.00522
4,4'-DDE	0.00408
4,4'-DDT	0.00756
Dieldrin	0.00655
METALS	
Copper	51.200
Lead	265
Nickel	40
Zinc	216
Mercury	0.713

TP-33 CS-59

Compound	Result (mg/Kg)
METALS	
Copper	70.700
Lead	120
Nickel	59.300
Zinc	155
Mercury	0.483

N

W E

S

Scale

0 50ft

Key - NYSDEC Part 375 SCOs

Unrestricted Use SCOs	Residential Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs

Figure 4 - NYSDEC Part 375 Exceedances in Soil - Shallow Interval

- Test Pit Sample Location
- Lead Delineation Test Pit Location
- May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

Site: NYC DDC HD-161 DPL Gateway Site Improvements

Date September 2026

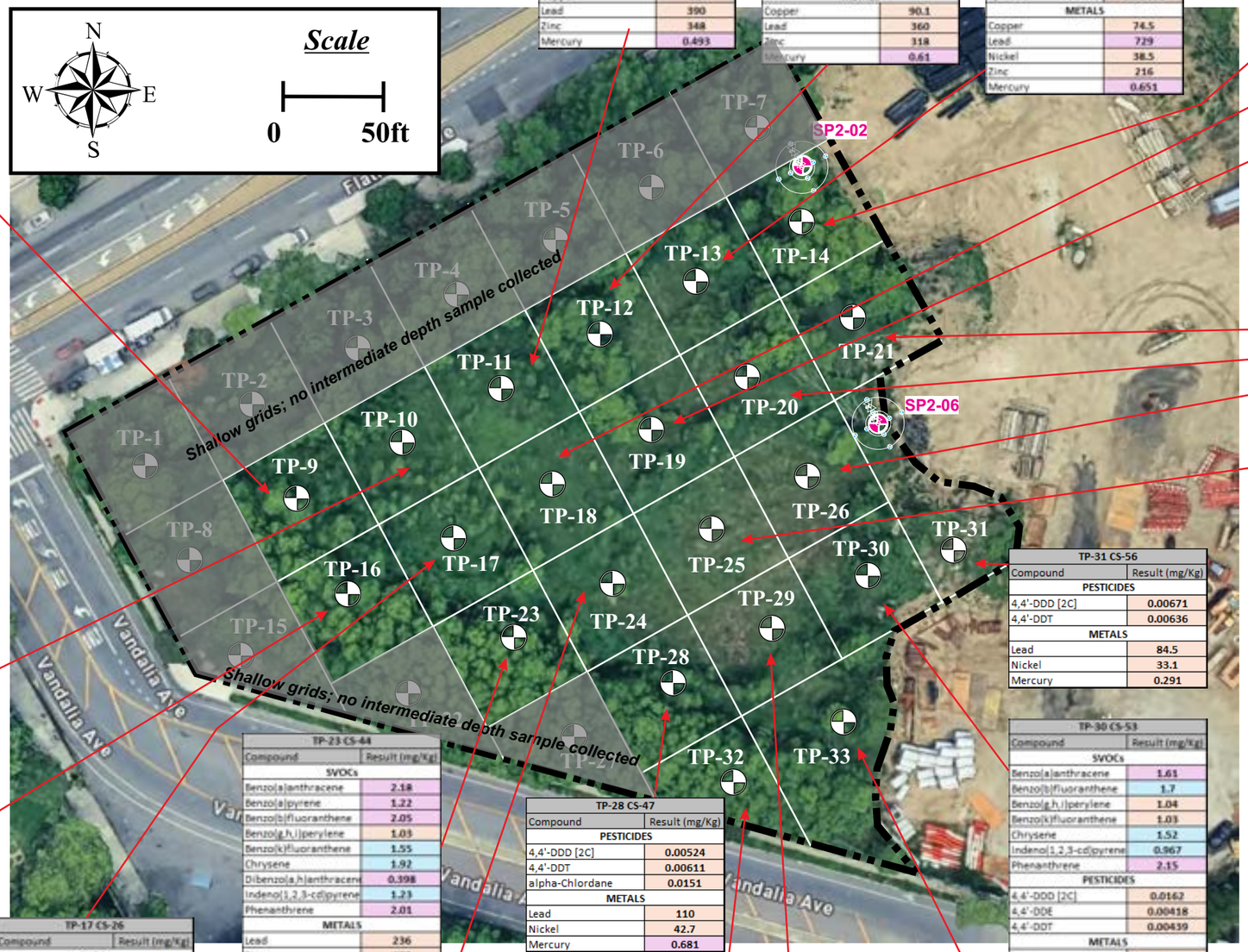
PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566

Tel: (516) 546-1100 Fax : (516) 213-8156

Key - NYSDEC Part 375 SCOs and EPA Limits

Unrestricted Use SCOs	Residential Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs	EPA Haz. Waste Limits



TP-9 CS-20	
Compound	Result (mg/Kg)
VOCs (CS-20 G-5)	
Acetone	0.066
SVOCs	
Benzo(a)anthracene	1.23
Benzo(a)pyrene	1.41
Benzo(b)fluoranthene	1.26
Benzo(g,h,i)perylene	0.659
Benzo(k)fluoranthene	0.922
Chrysene	1.12
Indeno(1,2,3-cd)pyrene	0.684
PCBs	
Total PCBs	0.132
PESTICIDES	
4,4'-DDD	0.014
4,4'-DDE	0.00439
METALS	
Copper	69
Lead	297
Zinc	274
Mercury	0.452

TP-10 CS-17	
Compound	Result (mg/Kg)
VOCs (CS-17 G-8)	
Acetone	0.099
SVOCs	
Benzo(a)anthracene	2.11
Benzo(a)pyrene	1.02
Benzo(b)fluoranthene	1.37
Benzo(g,h,i)perylene	1.19
Benzo(k)fluoranthene	1.3
Chrysene	1.97
Indeno(1,2,3-cd)pyrene	1.21
Phenanthrene	2.31
PCBs	
Total PCBs	0.169
PESTICIDES	
4,4'-DDD	0.0368
4,4'-DDE	0.00967
4,4'-DDT	0.00837
alpha-Chlordane	0.0194
METALS	
Copper	86.6
Lead	336
Nickel	42.5
Zinc	422
Mercury	0.994

TP-16 CS-24	
Compound	Result (mg/Kg)
VOCs (CS-24 G-1)	
Acetone	0.069
SVOCs	
Benzo(a)anthracene	1.64
Benzo(a)pyrene	1.81
Benzo(b)fluoranthene	1.58
Benzo(g,h,i)perylene	0.9
Benzo(k)fluoranthene	1.28
Chrysene	1.69
Indeno(1,2,3-cd)pyrene	0.95
Phenanthrene	1.62
PCBs	
Total PCBs	0.174
PESTICIDES	
4,4'-DDD [2C]	0.0144
4,4'-DDE	0.00794
4,4'-DDT	0.00471
alpha-Chlordane	0.0162
METALS	
Lead	257
Nickel	33.4
Zinc	158
Mercury	0.624

TP-17 CS-26	
Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	6.41
Benzo(a)pyrene	6.5
Benzo(b)fluoranthene	5.23
Benzo(g,h,i)perylene	3
Benzo(k)fluoranthene	3.61
Chrysene	5.65
Dibenzo(a,h)anthracene	0.359
Indeno(1,2,3-cd)pyrene	2.96
Phenanthrene	7.1
PESTICIDES	
4,4'-DDD [2C]	0.0214
4,4'-DDE	0.00932
4,4'-DDT	0.00525
METALS	
Lead	235
Nickel	43.1
Zinc	198
Mercury	0.826

TP-23 CS-44	
Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	2.18
Benzo(a)pyrene	1.22
Benzo(b)fluoranthene	2.05
Benzo(g,h,i)perylene	1.03
Benzo(k)fluoranthene	1.55
Chrysene	1.92
Dibenzo(a,h)anthracene	0.398
Indeno(1,2,3-cd)pyrene	1.23
Phenanthrene	2.01
METALS	
Lead	236
Zinc	173
Mercury	1.5

TP-24 CS-42	
Compound	Result (mg/Kg)
VOCs (CS-42 G-4)	
Acetone	0.046
SVOCs	
Phenanthrene	1.95
PCBs	
Total PCBs	0.509
PESTICIDES	
4,4'-DDD	0.02
4,4'-DDE	0.0186
4,4'-DDT	0.0126
alpha-Chlordane	0.0167
METALS	
Lead	231
Zinc	146
Mercury	1.41

TP-28 CS-47	
Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD [2C]	0.00524
4,4'-DDT	0.00611
alpha-Chlordane	0.0151
METALS	
Lead	110
Nickel	42.7
Mercury	0.681

TP-32 CS-63	
Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD	0.00504
METALS	
Lead	183
Nickel	66.2
Mercury	0.3

TP-29 CS-49	
Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD	0.0107
4,4'-DDE	0.00407
4,4'-DDT	0.00393
METALS	
Lead	231
Zinc	180
Mercury	0.696

TP-33 CS-60	
Compound	Result (mg/Kg)
VOCs (CS-60 G-5)	
Acetone	0.035
PCBs	
Total PCBs	0.136
PESTICIDES	
4,4'-DDD	0.00619
METALS	
Nickel	52.8
Mercury	0.314

TP-11 CS-14	
Compound	Result (mg/Kg)
VOCs (CS-14 G-2)	
Acetone	0.1
PESTICIDES	
4,4'-DDD	0.00829
4,4'-DDT	0.00418
METALS	
Copper	59
Lead	390
Zinc	348
Mercury	0.493

TP-12 CS-11	
Compound	Result (mg/Kg)
VOCs (CS-11 G-8)	
Acetone	0.13
PESTICIDES	
4,4'-DDD	0.015
4,4'-DDE	0.00668
4,4'-DDT	0.00626
METALS	
Copper	90.1
Lead	360
Zinc	318
Mercury	0.61

TP-13 CS-9	
Compound	Result (mg/Kg)
VOCs (CS-9 G-3)	
Acetone	0.12
PCBs	
Total PCBs	0.159
PESTICIDES	
4,4'-DDD	0.015
4,4'-DDE	0.00666
METALS	
Copper	74.5
Lead	729
Nickel	38.5
Zinc	216
Mercury	0.651

TP-14 CS-6	
Compound	Result (mg/Kg)
METALS	
Copper	55.8
Lead	138
Nickel	36.8
Mercury	0.452

TP-18 CS-29	
Compound	Result (mg/Kg)
VOCs (CS-29 G-7)	
Acetone	0.039
PESTICIDES	
4,4'-DDD [2C]	0.0216
4,4'-DDT	0.00621
METALS	
Copper	82.7
Lead	410
Zinc	267
Mercury	1.08

TP-19 CS-31	
Compound	Result (mg/Kg)
VOCs (CS-31 G-5)	
Acetone	0.091
PESTICIDES	
4,4'-DDD	0.00995
METALS	
Copper	194
Lead	377
Zinc	656
Mercury	0.853
Compound	Result (mg/L)
TCLP METALS	
TCLP Lead	62

TP-25 CS-40	
Compound	Result (mg/Kg)
VOCs (CS-40 G-2)	
Acetone	0.061
SVOCs	
Benzo(a)anthracene	2.02
Benzo(a)pyrene	2.06
Benzo(b)fluoranthene	1.77
Benzo(k)fluoranthene	0.91
Chrysene	1.71
Indeno(1,2,3-cd)pyrene	0.672
Phenanthrene	2.66
PCBs	
Total PCBs	0.141
PESTICIDES	
4,4'-DDD	0.00456
METALS	
Lead	142
Zinc	112
Mercury	0.618

TP-31 CS-56	
Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD [2C]	0.00671
4,4'-DDT	0.00636
METALS	
Lead	84.5
Nickel	33.1
Mercury	0.291

TP-30 CS-53	
Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	1.61
Benzo(b)fluoranthene	1.7
Benzo(g,h,i)perylene	1.04
Benzo(k)fluoranthene	1.03
Chrysene	1.52
Indeno(1,2,3-cd)pyrene	0.967
Phenanthrene	2.15
PESTICIDES	
4,4'-DDD [2C]	0.0162
4,4'-DDE	0.00418
4,4'-DDT	0.00439
METALS	
Lead	234
Zinc	187
Mercury	0.5

TP-21 CS-35	
Compound	Result (mg/Kg)
PESTICIDES	
4,4'-DDD	0.00681
METALS	
Copper	71
Lead	263
Zinc	248
Mercury	0.434

TP-20 CS-33	
Compound	Result (mg/Kg)
VOCs (CS-33 G-1)	
Acetone	0.13
SVOCs	
Benzo(a)anthracene	9.66
Benzo(a)pyrene	8.28
Benzo(b)fluoranthene	6.46
Benzo(g,h,i)perylene	3.72
Benzo(k)fluoranthene	5.04
Chrysene	8.64
Dibenzofuran	2.79
Indeno(1,2,3-cd)pyrene	3.58
Phenanthrene	43
PESTICIDES	
4,4'-DDD [2C]	0.0121
4,4'-DDE	0.00582
4,4'-DDT	0.0048
METALS	
Copper	74,200
Lead	402
Zinc	243
Mercury	0.569

TP-26 CS-38	
Compound	Result (mg/Kg)
VOCs (CS-38 G-7)	
Acetone	0.06
PESTICIDES	
4,4'-DDD	0.0121
4,4'-DDE	0.00498
METALS	
Copper	63.9
Lead	264
Nickel	34.1
Zinc	238
Mercury	1.12

Figure 5 - NYSDEC Part 375 Exceedances in Soil - Intermediate Interval

- Test Pit Sample Location
- Lead Delineation Test Pit Location
- May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

Site: NYC DDC HD-161 DPL Gateway Site Improvements

Date September 2026

PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566

Tel: (516) 546-1100 Fax : (516) 213-8156

Key - NYSDEC Part 375 SCOs and EPA Limits

Unrestricted Use SCOs	Residential Use SCOs	Restricted Residential Use SCOs	Commercial Use SCOs	Industrial Use SCOs	EPA Haz. Waste Limits



TP-9 CS-21	
Compound	Result (mg/Kg)
VOCs (CS-21 G-1)	
Acetone	0.25
SVOCs	
Phenanthrene	1.17
PCBs	
Total PCBs	0.327
PESTICIDES	
4,4'-DDD	0.0154
4,4'-DDE	0.0073
4,4'-DDT	0.00676
METALS	
Copper	113
Lead	474
Zinc	355
Mercury	1.38

TP-10 CS-18	
Compound	Result (mg/Kg)
VOCs (CS-18 G-10)	
Acetone	0.078
SVOCs	
Benzo(a)anthracene	1.29
Benzo(a)pyrene	1.38
Benzo(b)fluoranthene	1.21
Benzo(g,h,i)perylene	0.643
Benzo(k)fluoranthene	0.936
Chrysene	1.15
Indeno(1,2,3-cd)pyrene	0.675
Phenanthrene	1.61
PESTICIDES	
4,4'-DDD	0.00832
4,4'-DDT	0.00449
METALS	
Copper	54.7
Lead	302
Zinc	180
Mercury	0.385

TP-17 CS-27	
Compound	Result (mg/Kg)
VOCs (CS-27 G-2)	
Acetone	0.054
SVOCs	
Benzo(a)anthracene	2.81
Benzo(a)pyrene	3
Benzo(b)fluoranthene	2.82
Benzo(g,h,i)perylene	1.78
Benzo(k)fluoranthene	2.01
Chrysene	2.58
Indeno(1,2,3-cd)pyrene	1.69
Phenanthrene	3.13
PCBs	
Total PCBs	0.113
PESTICIDES	
4,4'-DDD [2C]	0.0351
4,4'-DDE	0.0111
4,4'-DDT	0.00467
alpha-Chlordane	0.021
METALS	
Lead	284
Zinc	156
Mercury	1.09

TP-11 CS-15	
Compound	Result (mg/Kg)
SVOCs	
Benzo(a)anthracene	1.19
Benzo(a)pyrene	1.01
Chrysene	1.20
Indeno(1,2,3-cd)pyrene	0.601
Phenanthrene	1.19
PESTICIDES	
4,4'-DDD	0.0105
4,4'-DDE	0.00415
METALS	
Lead	232
Zinc	193
Mercury	0.439
Compound	Result (mg/L)
TCLP METALS	
TCLP Lead	13.8

TP-28 CS-51	
Compound	Result (mg/Kg)
VOCs (CS-51 G-8)	
Acetone	0.061
PESTICIDES	
4,4'-DDD	0.0225
4,4'-DDE	0.00778
4,4'-DDT	0.00742
METALS	
Lead	104
Nickel	36.5
Mercury	0.56

TP-32 CS-64	
Compound	Result (mg/Kg)
VOCs (CS-64 G-8)	
Acetone	0.062
METALS	
Lead	154
Mercury	119
Zinc	0.423

TP-33 CS-61	
Compound	Result (mg/Kg)
VOCs (CS-61 G-5)	
Acetone	0.056
PESTICIDES	
4,4'-DDD [2C]	0.00468
4,4'-DDE	0.00412
METALS	
Lead	67.9
Mercury	0.284

TP-14 CS-7	
Compound	Result (mg/Kg)
VOCs (CS-7 G-7)	
Acetone	0.049
SVOCs	
Benzo(a)anthracene	1.19
Chrysene	1.16
PESTICIDES	
4,4'-DDD	0.00997
4,4'-DDE	0.00418
METALS	
Lead	177
Zinc	161
Mercury	0.416

TP-12 CS-12	
Compound	Result (mg/Kg)
VOCs (CS-12 G-7)	
Acetone	0.09
SVOCs	
Benzo(a)anthracene	2.42
Benzo(a)pyrene	1.25
Benzo(b)fluoranthene	1.53
Benzo(g,h,i)perylene	1.06
Benzo(k)fluoranthene	1.51
Chrysene	2.25
Dibenzo(a,h)anthracene	0.422
Indeno(1,2,3-cd)pyrene	1.27
Phenanthrene	3.73
PESTICIDES	
4,4'-DDD	0.0236
4,4'-DDE	0.00612
4,4'-DDT	0.00456
METALS	
Copper	88.9
Lead	362
Zinc	323
Mercury	0.817

TP-21 CS-36	
Compound	Result (mg/Kg)
METALS	
Lead	123

TP-31 CS-57	
Compound	Result (mg/Kg)
SVOCs	
Phenanthrene	1.81
PESTICIDES	
4,4'-DDD [2C]	0.00481
METALS	
Lead	254
Nickel	44.3
Zinc	229
Chromium, Hexavalent	2.780

TP-30 CS-54	
Compound	Result (mg/Kg)
VOCs (CS-54 G-3)	
Acetone	0.064
SVOCs	
Indeno(1,2,3-cd)pyrene	0.571
Phenanthrene	1.23
PESTICIDES	
4,4'-DDD [2C]	0.0129
4,4'-DDE	0.00346
4,4'-DDT	0.00413
METALS	
Copper	62.7
Lead	373
Zinc	440
Mercury	0.558

TP-29 CS-50	
Compound	Result (mg/Kg)
VOCs (CS-50 G-7)	
Acetone	0.053
PESTICIDES	
4,4'-DDD	0.00674
4,4'-DDE	0.00358
4,4'-DDT	0.00484
METALS	
Lead	133
Nickel	30.7
Mercury	0.491

N
W E
S

Scale

0 50ft

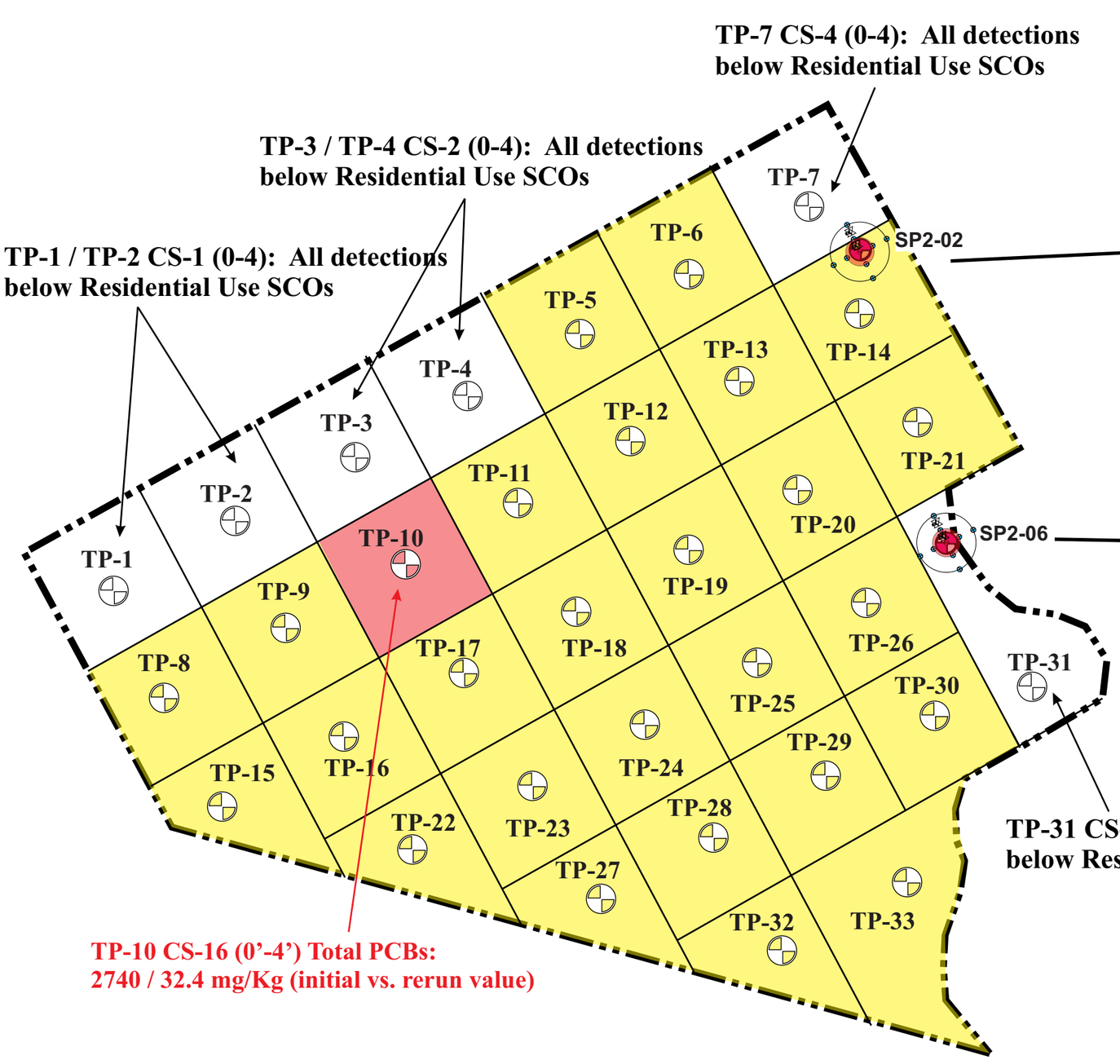
Figure 6 - NYSDEC Part 375 Exceedances in Soil - Deep Interval

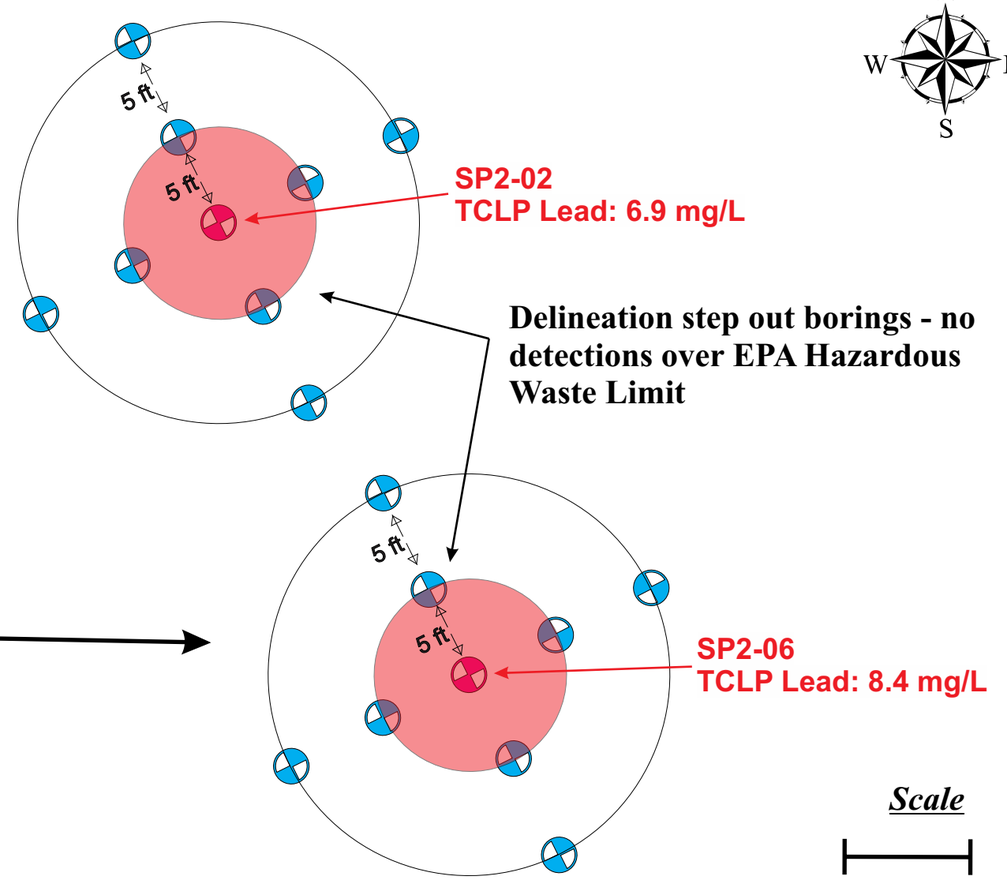
- Test Pit Sample Location
- Lead Delineation Test Pit Location
- May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

Site: NYC DDC HD-161 DPL
Gateway Site Improvements

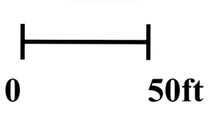
Date September 2026

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156





Scale



- Hazardous OR Elevated PCB-containing Soil
- Non-Hazardous Contaminated Soil

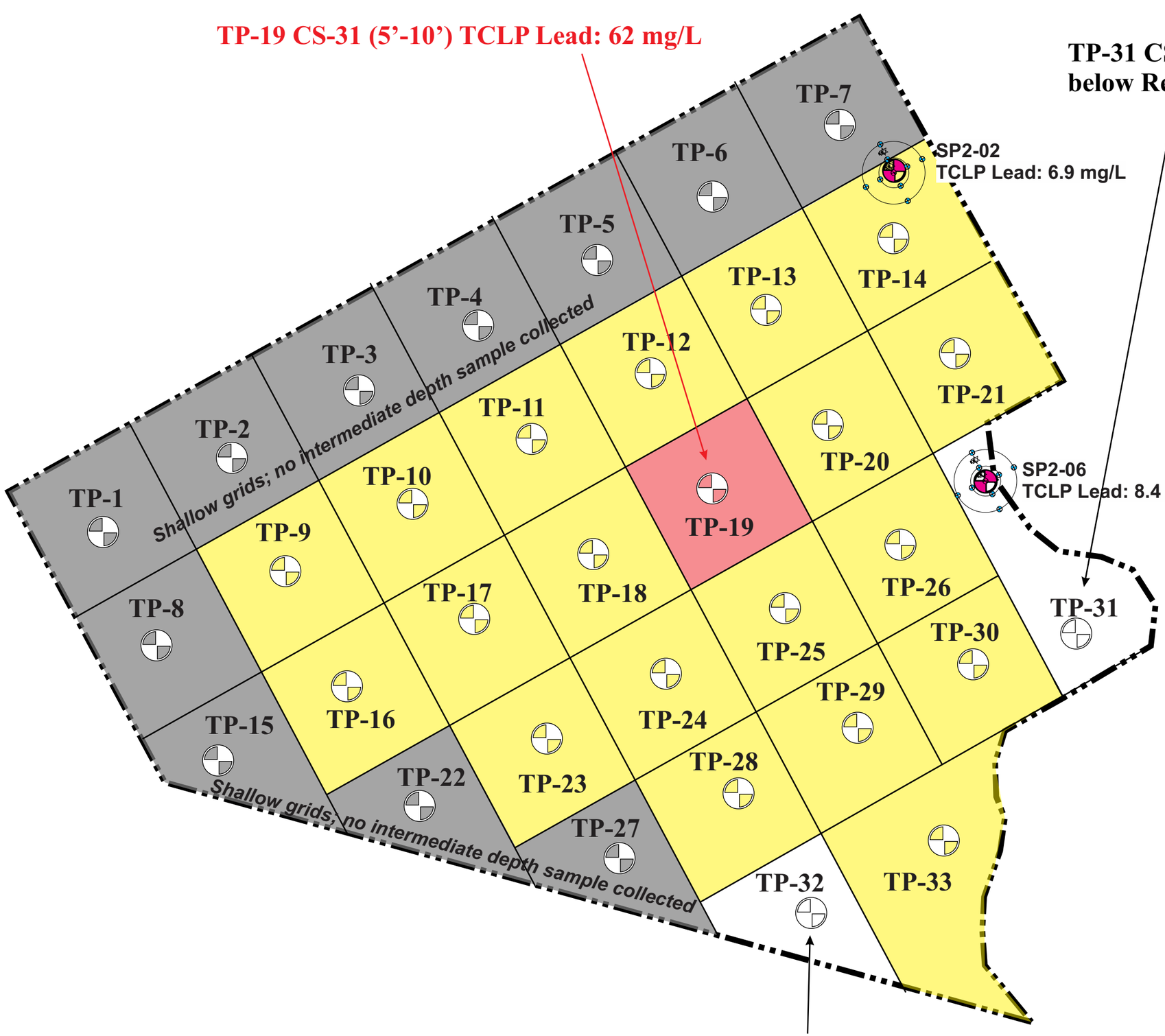
Figure 7 - Exeedance Summary - Shallow Intervals

- Test Pit Sample Location
- Lead Delineation Test Pit Location
- May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

Site: NYC DDC HD-161 DPL
Gateway Site Improvements

Date September 2026

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156



N
W E
S

- No sample collected at intermediate interval

- Hazardous Soil

- Non-Hazardous Contaminated Soil

Scale

0 50ft

Figure 8 - Exeedance Summary - Intermediate Intervals

- Test Pit Sample Location

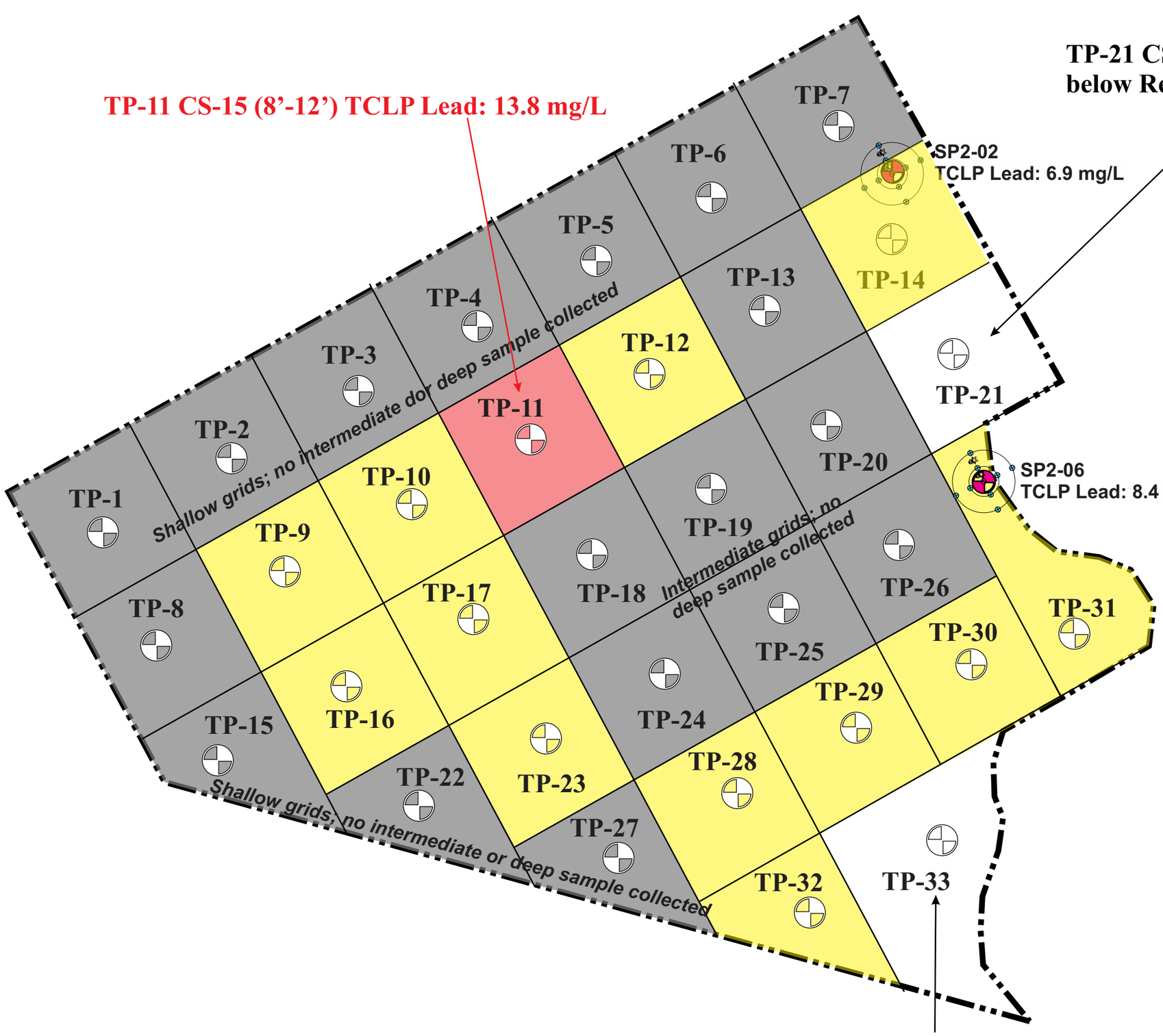
- Lead Delineation Test Pit Location

- May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

Site: NYC DDC HD-161 DPL
Gateway Site Improvements

Date September 2026

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156



N
W E
S

- No sample collected at deep interval
- Hazardous Soil
- Non-Hazardous Contaminated Soil

Scale

0 50ft

Figure 9 - Exeedance Summary - Deep Intervals

- Test Pit Sample Location
- Lead Delineation Test Pit Location
- May 2022 Sample location (by others) determined to contain TCLP lead above 5 mg/L hazardous waste limit

Site: NYC DDC HD-161 DPL
Gateway Site Improvements

Date September 2026

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

TABLE 1
Sampling Summary
Soil Stockpile Area
Gateway Site Improvements
August 2026

Test Pit ID	Location On Property	Composite Sample ID	Sample Depth (ft)	Parameter (Methodology)
TP-1	Soil Stockpile Area	HD161DPL GSI CS-1	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-2	Soil Stockpile Area		0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-3	Soil Stockpile Area	HD161DPL GSI CS-2	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-4	Soil Stockpile Area		0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-5	Soil Stockpile Area	HD161DPL GSI CS-3	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-6	Soil Stockpile Area		0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-7	Soil Stockpile Area	HD161DPL GSI CS-4	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs, TCLP Herbicides and TCLP Pesticides

TP-8	Soil Stockpile Area	HD161DPL GSI TP-8/TP-15 CS-22	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-9	Soil Stockpile Area	HD161DPL GSI TP-9 CS-19	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-9	Soil Stockpile Area	HD161DPL GSI TP-9 CS-20	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-9	Soil Stockpile Area	HD161DPL GSI TP-9 CS-21	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-10	Soil Stockpile Area	HD161DPL GSI TP-10 CS-16	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-10	Soil Stockpile Area	HD161DPL GSI TP-10 CS-17	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-10	Soil Stockpile Area	HD161DPL GSI TP-10 CS-18	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-11	Soil Stockpile Area	HD161DPL GSI CS-13	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-11	Soil Stockpile Area	HD161DPL GSI CS-14	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-11	Soil Stockpile Area	HD161DPL GSI CS-15	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-12	Soil Stockpile Area	HD161DPL GSI CS-10	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH,

				Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-12	Soil Stockpile Area	HD161DPL GSI CS-11	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-12	Soil Stockpile Area	HD161DPL GSI CS-12	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-13	Soil Stockpile Area	HD161DPL GSI CS-8	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-13	Soil Stockpile Area	HD161DPL GSI CS-9	5-11 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-14	Soil Stockpile Area	HD161DPL GSI CS-5	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs, TCLP Herbicides and TCLP Pesticides
TP-14	Soil Stockpile Area	HD161DPL GSI CS-6	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs, TCLP Herbicides and TCLP Pesticides
TP-14	Soil Stockpile Area	HD161DPL GSI CS-7	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs,

				TCLP Herbicides and TCLP Pesticides
TP-15	Soil Stockpile Area	HD161DPL GSI TP-8/TP-15 CS-22	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-16	Soil Stockpile Area	HD161DPL GSI TP-16 CS-23	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-16	Soil Stockpile Area	HD161DPL GSI TP-16 CS-24	5-11 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-17	Soil Stockpile Area	HD161DPL GSI TP-17 CS-25	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-17	Soil Stockpile Area	HD161DPL GSI TP-17 CS-26	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-17	Soil Stockpile Area	HD161DPL GSI TP-17 CS-27	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-18	Soil Stockpile Area	HD161DPL GSI TP-18 CS-28	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-18	Soil Stockpile Area	HD161DPL GSI TP-18 CS-29	5-10 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-19	Soil Stockpile Area	HD161DPL GSI TP-19 CS-30	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-19	Soil Stockpile Area	HD161DPL GSI TP-19 CS-31	5-10 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter

TP-20	Soil Stockpile Area	HD161DPL GSI TP-20 CS-32	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-20	Soil Stockpile Area	HD161DPL GSI TP-20 CS-33	5-10 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-21	Soil Stockpile Area	HD161DPL GSI TP-21 CS-34	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-21	Soil Stockpile Area	HD161DPL GSI TP-21 CS-35	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-21	Soil Stockpile Area	HD161DPL GSI TP-21 CS-36	8-13 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-22	Soil Stockpile Area	HD161DPL GSI TP-22 CS-45	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-23	Soil Stockpile Area	HD161DPL GSI TP-23 CS-43	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-23	Soil Stockpile Area	HD161DPL GSI TP-23 CS-44	5-10 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-24	Soil Stockpile Area	HD161DPL GSI TP-24 CS-41	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-24	Soil Stockpile Area	HD161DPL GSI TP-24 CS-42	5-11 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-25	Soil Stockpile Area	HD161DPL GSI TP-25 CS-39	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH,

				Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-25	Soil Stockpile Area	HD161DPL GSI TP-25 CS-40	5-10 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-26	Soil Stockpile Area	HD161DPL GSI TP-26 CS-37	0-5 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-26	Soil Stockpile Area	HD161DPL GSI TP-26 CS-38	5-10 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-27	Soil Stockpile Area	HD161DPL GSI TP-27 CS-58	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-28	Soil Stockpile Area	HD161DPL GSI TP-28 CS-46	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-28	Soil Stockpile Area	HD161DPL GSI TP-28 CS-47	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-28	Soil Stockpile Area	HD161DPL GSI TP-28 CS-51	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-29	Soil Stockpile Area	HD161DPL GSI TP-29 CS-48	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-29	Soil Stockpile Area	HD161DPL GSI TP-29 CS-49	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-29	Soil Stockpile Area	HD161DPL GSI TP-29 CS-50	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA

				Characteristics, TCLP Metals, Paint Filter
TP-30	Soil Stockpile Area	HD161DPL GSI TP-30 CS-52	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-30	Soil Stockpile Area	HD161DPL GSI TP-30 CS-53	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-30	Soil Stockpile Area	HD161DPL GSI TP-30 CS-54	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-31	Soil Stockpile Area	HD161DPL GSI TP-31 CS-55	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs, TCLP Herbicides and TCLP Pesticides
TP-31	Soil Stockpile Area	HD161DPL GSI TP-31 CS-56	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs, TCLP Herbicides and TCLP Pesticides
TP-31	Soil Stockpile Area	HD161DPL GSI TP-31 CS-57	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals (plus Be, Ni, Cu, and Zn), RCRA Characteristics, TCLP Metals (plus Be, Ni, Cu, and Zn), Paint Filter, TCLP VOCs/SVOCs, TCLP Herbicides and TCLP Pesticides
TP-32	Soil Stockpile Area	HD161DPL GSI TP-32 CS-62	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter

TP-32	Soil Stockpile Area	HD161DPL GSI TP-32 CS-63	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-32	Soil Stockpile Area	HD161DPL GSI TP-32 CS-64	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-33	Soil Stockpile Area	HD161DPL GSI TP-33 CS-59	0-4 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-33	Soil Stockpile Area	HD161DPL GSI TP-33 CS-60	4-8 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
TP-33	Soil Stockpile Area	HD161DPL GSI TP-33 CS-61	8-12 ft	VOCs, SVOCs, Pesticides, PCBs, EPH, Metals, RCRA Characteristics, TCLP Metals, Paint Filter
SP2-02A	Soil Stockpile Area	HD161DPL GSI SP2-02A G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-02A	Soil Stockpile Area	HD161DPL GSI SP2-02A G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-02A	Soil Stockpile Area	HD161DPL GSI SP2-02A G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-02A	Soil Stockpile Area	HD161DPL GSI SP2-02A G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-02B	Soil Stockpile Area	HD161DPL GSI SP2-02B G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-02B	Soil Stockpile Area	HD161DPL GSI SP2-02B G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-02B	Soil Stockpile Area	HD161DPL GSI SP2-02B G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-02B	Soil Stockpile Area	HD161DPL GSI SP2-02B G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-02C	Soil Stockpile Area	HD161DPL GSI SP2-02C G-1 (0-1 ft)	0-1 ft	TCLP Lead

SP2-02C	Soil Stockpile Area	HD161DPL GSI SP2-02C G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-02C	Soil Stockpile Area	HD161DPL GSI SP2-02C G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-02C	Soil Stockpile Area	HD161DPL GSI SP2-02C G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-02D	Soil Stockpile Area	HD161DPL GSI SP2-02D G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-02D	Soil Stockpile Area	HD161DPL GSI SP2-02D G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-02D	Soil Stockpile Area	HD161DPL GSI SP2-02D G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-02D	Soil Stockpile Area	HD161DPL GSI SP2-02D G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-06A	Soil Stockpile Area	HD161DPL GSI SP2-06A G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-06A	Soil Stockpile Area	HD161DPL GSI SP2-06A G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-06A	Soil Stockpile Area	HD161DPL GSI SP2-06A G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-06A	Soil Stockpile Area	HD161DPL GSI SP2-06A G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-06B	Soil Stockpile Area	HD161DPL GSI SP2-06B G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-06B	Soil Stockpile Area	HD161DPL GSI SP2-06B G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-06B	Soil Stockpile Area	HD161DPL GSI SP2-06B G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-06B	Soil Stockpile Area	HD161DPL GSI SP2-06B G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-06C	Soil Stockpile Area	HD161DPL GSI SP2-06C G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-06C	Soil Stockpile Area	HD161DPL GSI SP2-06C G-2 (1-2 ft)	1-2 ft	TCLP Lead

SP2-06C	Soil Stockpile Area	HD161DPL GSI SP2-06C G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-06C	Soil Stockpile Area	HD161DPL GSI SP2-06C G-4 (3-4 ft)	3-4 ft	TCLP Lead
SP2-06D	Soil Stockpile Area	HD161DPL GSI SP2-06D G-1 (0-1 ft)	0-1 ft	TCLP Lead
SP2-06D	Soil Stockpile Area	HD161DPL GSI SP2-06D G-2 (1-2 ft)	1-2 ft	TCLP Lead
SP2-06D	Soil Stockpile Area	HD161DPL GSI SP2-06D G-3 (2-3 ft)	2-3 ft	TCLP Lead
SP2-06D	Soil Stockpile Area	HD161DPL GSI SP2-06D G-4 (3-4 ft)	3-4 ft	TCLP Lead

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-1-G3 26H0577-02 8/11/2026 8:40:00 AM Soil		HD161DPL GSI CS-2-G3 26H0577-04 8/11/2026 9:10:00 AM Soil		HD161DPL GSI CS-3-G5 26H0577-06 8/11/2026 9:50:00 AM Soil		HD161DPL GSI CS-4-G1 26H0577-08 8/11/2026 10:40:00 AM Soil		HD161DPL GSI CS-5-G2 26H0577-10 8/11/2026 11:20:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0140	U	0.0120	U	0.0120	U	0.0130	U	0.0130	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U
Acrolein	107-02-8	~	~	~	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Bromoform	75-25-2	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Bromomethane	74-83-9	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Chloroethane	75-00-3	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Chloromethane	74-87-3	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-1-G3 26H0577-02 8/11/2026 8:40:00 AM Soil		HD161DPL GSI CS-2-G3 26H0577-04 8/11/2026 9:10:00 AM Soil		HD161DPL GSI CS-3-G5 26H0577-06 8/11/2026 9:50:00 AM Soil		HD161DPL GSI CS-4-G1 26H0577-08 8/11/2026 10:40:00 AM Soil		HD161DPL GSI CS-5-G2 26H0577-10 8/11/2026 11:20:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00580	U	0.00470	U	0.00470	U	0.00530	U	0.00530	U
Ethanol	64-17-5	~	~	~	~	~	0.0580	U	0.0470	U	0.0470	U	0.0530	U	0.0530	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00580	U	0.00470	U	0.00470	U	0.00530	U	0.00530	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Iodomethane	74-88-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
o-Xylene	95-47-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Styrene	100-42-5	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0580	U	0.0470	U	0.0470	U	0.0530	U	0.0530	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00580	U	0.00470	U	0.00470	U	0.00530	U	0.00530	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0180	U	0.0150	U	0.0150	U	0.0170	U	0.0170	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.0110	U	0.00880	U	0.00880	U	0.00990	U	0.0100	U

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-6-G3		HD161DPL GSI CS-7-G6		HD161DPL GSI CS-8-G5		HD161DPL GSI CS-9-G3		HD161DPL GSI CS-10-G7	
Sample ID							26H0577-12		26H0577-14		26H0577-16		26H0577-18		26H0577-20	
Sampling Date							8/11/2026 11:30:00 AM		8/11/2026 11:40:00 AM		8/11/2026 12:00:00 PM		8/11/2026 12:10:00 PM		8/11/2026 12:30:00 PM	
Client Matrix							Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00250	U	0.00820		0.0380		0.0230		0.0180	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0100	U	0.0120	U	0.0110	U	0.0120	U	0.0120	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00500	U	**0.0490**		**0.690**		**0.120**		**0.100**	
Acrolein	107-02-8	~	~	~	~	~	0.00500	U	0.00580	U	0.00560	U	0.00620	U	0.00610	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Bromoform	75-25-2	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Bromomethane	74-83-9	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00250	U	0.00370	J	0.00280	J	0.00340	J	0.00340	J
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Chloroethane	75-00-3	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Chloromethane	74-87-3	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-6-G3		HD161DPL GSI CS-7-G6		HD161DPL GSI CS-8-G5		HD161DPL GSI CS-9-G3		HD161DPL GSI CS-10-G7	
Sample ID							26H0577-12		26H0577-14		26H0577-16		26H0577-18		26H0577-20	
Sampling Date							8/11/2026 11:30:00 AM		8/11/2026 11:40:00 AM		8/11/2026 12:00:00 PM		8/11/2026 12:10:00 PM		8/11/2026 12:30:00 PM	
Client Matrix							Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00400	U	0.00460	U	0.00450	U	0.00500	U	0.00490	U
Ethanol	64-17-5	~	~	~	~	~	0.0400	U	0.0460	U	0.0450	U	0.0500	U	0.0490	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00400	U	0.00460	U	0.00450	U	0.00500	U	0.00490	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Iodomethane	74-88-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00500	U	0.00580	U	0.00560	U	0.00620	U	0.00610	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
o-Xylene	95-47-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00500	U	0.00580	U	0.00560	U	0.00620	U	0.00610	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Styrene	100-42-5	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0400	U	0.0460	U	0.0450	U	0.0500	U	0.0490	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00400	U	0.00460	U	0.00450	U	0.00500	U	0.00490	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0120	U	0.0150	U	0.0140	U	0.0160	U	0.0150	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00500	U	0.00580	U	0.00560	U	0.00620	U	0.00610	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00250	U	0.00290	U	0.00280	U	0.00310	U	0.00300	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00750	U	0.00870	U	0.00840	U	0.00940	U	0.00910	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-11-G8 26H0577-22 8/11/2026 12:40:00 PM Soil		HD161DPL GSI CS-12-G7 26H0577-24 8/11/2026 12:50:00 PM Soil		HD161DPL GSI CS-13-G4 26H0577-26 8/11/2026 1:25:00 PM Soil		HD161DPL GSI CS-14-G2 26H0577-28 8/11/2026 1:35:00 PM Soil		HD161DPL GSI CS-15-G1 26H0577-30 8/11/2026 1:45:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.0190		0.0170		0.00820		0.0210		0.00280	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0140	U	0.0110	U	0.0110	U	0.0120	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Acetone	67-64-1	0.03	100	100	500	1,000	**0.130**		**0.0900**		**0.0520**		**0.100**		0.0270	
Acrolein	107-02-8	~	~	~	~	~	0.00690	U	0.00570	U	0.00550	U	0.00590	U	0.00570	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Bromoform	75-25-2	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Bromomethane	74-83-9	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00450	J	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Chloroethane	75-00-3	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Chloromethane	74-87-3	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-11-G8 26H0577-22 8/11/2026 12:40:00 PM Soil		HD161DPL GSI CS-12-G7 26H0577-24 8/11/2026 12:50:00 PM Soil		HD161DPL GSI CS-13-G4 26H0577-26 8/11/2026 1:25:00 PM Soil		HD161DPL GSI CS-14-G2 26H0577-28 8/11/2026 1:35:00 PM Soil		HD161DPL GSI CS-15-G1 26H0577-30 8/11/2026 1:45:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00560	U	0.00450	U	0.00440	U	0.00470	U	0.00450	U
Ethanol	64-17-5	~	~	~	~	~	0.0560	U	0.0450	U	0.0440	U	0.0470	U	0.0450	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00560	U	0.00450	U	0.00440	U	0.00470	U	0.00450	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Iodomethane	74-88-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00690	U	0.00570	U	0.00550	U	0.00590	U	0.00570	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
o-Xylene	95-47-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00690	U	0.00570	U	0.00550	U	0.00590	U	0.00570	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Styrene	100-42-5	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0560	U	0.0450	U	0.0440	U	0.0470	U	0.0450	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00560	U	0.00450	U	0.00440	U	0.00470	U	0.00450	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0170	U	0.0140	U	0.0140	U	0.0150	U	0.0140	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00690	U	0.00570	U	0.00550	U	0.00590	U	0.00570	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00350	U	0.00280	U	0.00280	U	0.00300	U	0.00280	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.0100	U	0.00850	U	0.00830	U	0.00890	U	0.00850	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-10- CS-16-G3 26H0685-02 8/12/2026 7:45:00 AM Soil		HD161DPL GSI TP-10- CS-17-G8 26H0685-04 8/12/2026 7:55:00 AM Soil		HD161DPL GSI TP-10- CS-18-G10 26H0685-06 8/12/2026 8:15:00 AM Soil		HD161DPL GSI TP-9- CS-19-G1 26H0685-08 8/12/2026 8:40:00 AM Soil		HD161DPL GSI TP-9- CS-20-G5 26H0685-10 8/12/2026 9:00:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00220	U	0.0170		0.0160		0.00260	U	0.0120	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.00890	U	0.0120	U	0.0110	U	0.0100	U	0.00980	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00440	U	**0.0990**		**0.0780**		0.00510	U	**0.0660**	
Acrolein	107-02-8	~	~	~	~	~	0.00440	U	0.00580	U	0.00560	U	0.00510	U	0.00490	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Bromoform	75-25-2	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Bromomethane	74-83-9	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Chloroethane	75-00-3	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Chloromethane	74-87-3	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-10- CS-16-G3 26H0685-02 8/12/2026 7:45:00 AM Soil		HD161DPL GSI TP-10- CS-17-G8 26H0685-04 8/12/2026 7:55:00 AM Soil		HD161DPL GSI TP-10- CS-18-G10 26H0685-06 8/12/2026 8:15:00 AM Soil		HD161DPL GSI TP-9- CS-19-G1 26H0685-08 8/12/2026 8:40:00 AM Soil		HD161DPL GSI TP-9- CS-20-G5 26H0685-10 8/12/2026 9:00:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00350	U	0.00470	U	0.00450	U	0.00410	U	0.00390	U
Ethanol	64-17-5	~	~	~	~	~	0.0350	U	0.0470	U	0.0450	U	0.0410	U	0.0390	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00350	U	0.00470	U	0.00450	U	0.00410	U	0.00390	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Iodomethane	74-88-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00440	U	0.00580	U	0.00560	U	0.00510	U	0.00490	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
o-Xylene	95-47-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00440	U	0.00580	U	0.00560	U	0.00510	U	0.00490	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Styrene	100-42-5	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0350	U	0.0470	U	0.0450	U	0.0410	U	0.0390	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00350	U	0.00470	U	0.00450	U	0.00410	U	0.00390	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0110	U	0.0150	U	0.0140	U	0.0130	U	0.0120	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00440	U	0.00580	U	0.00560	U	0.00510	U	0.00490	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00220	U	0.00290	U	0.00280	U	0.00260	U	0.00240	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00660	U	0.00870	U	0.00840	U	0.00770	U	0.00730	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-9- CS-21-G10		HD161DPL GSI TP-8/15- CS-22-G7		HD161DPL GSI TP-16- CS-23-G7		HD161DPL GSI TP-16- CS-24-G1		HD161DPL GSI TP-17- CS-25-G8	
Sample ID							26H0685-12		26H0685-14		26H0685-16		26H0685-18		26H0685-20	
Sampling Date							8/12/2026 8:10:00 AM		8/12/2026 8:30:00 AM		8/12/2026 10:00:00 AM		8/12/2026 10:10:00 AM		8/12/2026 11:00:00 AM	
Client Matrix							Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.0490		0.00270	U	0.00330	U	0.0110		0.0150	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0150	U	0.0110	U	0.0130	U	0.0130	U	0.0120	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Acetone	67-64-1	0.03	100	100	500	1,000	**0.250**		0.00540	U	0.00660	U	**0.0690**		**0.0970**	
Acrolein	107-02-8	~	~	~	~	~	0.00730	U	0.00540	U	0.00660	U	0.00650	U	0.00580	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Bromoform	75-25-2	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Bromomethane	74-83-9	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Chloroethane	75-00-3	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Chloromethane	74-87-3	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-9- CS-21-G10 26H0685-12 8/12/2026 8:10:00 AM Soil		HD161DPL GSI TP-8/15- CS-22-G7 26H0685-14 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-16- CS-23-G7 26H0685-16 8/12/2026 10:00:00 AM Soil		HD161DPL GSI TP-16- CS-24-G1 26H0685-18 8/12/2026 10:10:00 AM Soil		HD161DPL GSI TP-17- CS-25-G8 26H0685-20 8/12/2026 11:00:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00580	U	0.00440	U	0.00520	U	0.00520	U	0.00460	U
Ethanol	64-17-5	~	~	~	~	~	0.0580	U	0.0440	U	0.0520	U	0.0520	U	0.0460	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00580	U	0.00440	U	0.00520	U	0.00520	U	0.00460	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Iodomethane	74-88-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00730	U	0.00540	U	0.00660	U	0.00650	U	0.00580	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
o-Xylene	95-47-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00730	U	0.00540	U	0.00660	U	0.00650	U	0.00580	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Styrene	100-42-5	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0580	U	0.0440	U	0.0520	U	0.0520	U	0.0460	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00580	U	0.00440	U	0.00520	U	0.00520	U	0.00460	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0180	U	0.0140	U	0.0160	U	0.0160	U	0.0140	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00730	U	0.00540	U	0.00660	U	0.00650	U	0.00580	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00370	U	0.00270	U	0.00330	U	0.00330	U	0.00290	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.0110	U	0.00820	U	0.00980	U	0.00980	U	0.00870	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-17- CS-26-G2 26H0685-22 8/12/2026 11:10:00 AM Soil		HD161DPL GSI TP-17- CS-27-G2 26H0685-24 8/12/2026 11:20:00 AM Soil		HD161DPL GSI TP-18- CS-28-G6 26H0685-26 8/12/2026 11:30:00 AM Soil		HD161DPL GSI TP-18- CS-29-G7 26H0685-28 8/12/2026 11:40:00 AM Soil		HD161DPL GSI TP-19- CS-30-G4 26H0685-30 8/12/2026 11:50:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00320	U	0.00800		0.0130		0.00600		0.00220	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0130	U	0.0130	U	0.0140	U	0.0110	U	0.00860	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00640	U	**0.0540**		**0.0900**		**0.0390**		0.00430	U
Acrolein	107-02-8	~	~	~	~	~	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromoform	75-25-2	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromomethane	74-83-9	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chloroethane	75-00-3	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chloromethane	74-87-3	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-17- CS-26-G2 26H0685-22 8/12/2026 11:10:00 AM Soil		HD161DPL GSI TP-17- CS-27-G2 26H0685-24 8/12/2026 11:20:00 AM Soil		HD161DPL GSI TP-18- CS-28-G6 26H0685-26 8/12/2026 11:30:00 AM Soil		HD161DPL GSI TP-18- CS-29-G7 26H0685-28 8/12/2026 11:40:00 AM Soil		HD161DPL GSI TP-19- CS-30-G4 26H0685-30 8/12/2026 11:50:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00510	U	0.00530	U	0.00570	U	0.00440	U	0.00340	U
Ethanol	64-17-5	~	~	~	~	~	0.0510	U	0.0530	U	0.0570	U	0.0440	U	0.0340	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00510	U	0.00530	U	0.00570	U	0.00440	U	0.00340	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Iodomethane	74-88-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
o-Xylene	95-47-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Styrene	100-42-5	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0510	U	0.0530	U	0.0570	U	0.0440	U	0.0340	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00510	U	0.00530	U	0.00570	U	0.00440	U	0.00340	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0160	U	0.0170	U	0.0180	U	0.0140	U	0.0110	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00950	U	0.0100	U	0.0110	U	0.00820	U	0.00650	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-19- CS-31-G5 26H0685-32 8/12/2026 12:00:00 PM Soil		HD161DPL GSI TP-20- CS-32-G3 26H0685-34 8/12/2026 12:10:00 PM Soil		HD161DPL GSI TP-20- CS-33-G1 26H0685-36 8/12/2026 12:20:00 PM Soil		HD161DPL GSI TP-21- CS-34-G8 26H0685-38 8/12/2026 12:30:00 PM Soil		HD161DPL GSI TP-21- CS-35-G4 26H0685-40 8/12/2026 12:40:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.0200		0.0280		0.0230		0.00320	U	0.00340	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0140	U	0.0140	U	0.0120	U	0.0130	U	0.0140	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Acetone	67-64-1	0.03	100	100	500	1,000	**0.0910**		**0.150**		**0.130**		0.00640	U	0.00680	U
Acrolein	107-02-8	~	~	~	~	~	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Bromoform	75-25-2	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Bromomethane	74-83-9	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Chloroethane	75-00-3	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Chloromethane	74-87-3	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-19- CS-31-G5 26H0685-32 8/12/2026 12:00:00 PM Soil		HD161DPL GSI TP-20- CS-32-G3 26H0685-34 8/12/2026 12:10:00 PM Soil		HD161DPL GSI TP-20- CS-33-G1 26H0685-36 8/12/2026 12:20:00 PM Soil		HD161DPL GSI TP-21- CS-34-G8 26H0685-38 8/12/2026 12:30:00 PM Soil		HD161DPL GSI TP-21- CS-35-G4 26H0685-40 8/12/2026 12:40:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00560	U	0.00570	U	0.00500	U	0.00510	U	0.00540	U
Ethanol	64-17-5	~	~	~	~	~	0.0560	U	0.0570	U	0.0500	U	0.0510	U	0.0540	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00560	U	0.00570	U	0.00500	U	0.00510	U	0.00540	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Iodomethane	74-88-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
o-Xylene	95-47-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Styrene	100-42-5	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0560	U	0.0570	U	0.0500	U	0.0510	U	0.0540	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00560	U	0.00570	U	0.00500	U	0.00510	U	0.00540	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0180	U	0.0180	U	0.0160	U	0.0160	U	0.0170	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.0110	U	0.0110	U	0.00940	U	0.00960	U	0.0100	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-21- CS-36-G1 26H0685-42 8/12/2026 12:50:00 PM Soil		HD161DPL GSI TP-26- CS-37-G8 26H0685-44 8/12/2026 1:10:00 PM Soil		HD161DPL GSI TP-26- CS-38-G7 26H0685-46 8/12/2026 1:20:00 PM Soil		HD161DPL GSI TP-25- CS-39-G6 26H0685-48 8/12/2026 1:30:00 PM Soil		HD161DPL GSI TP-25- CS-40-G2 26H0685-50 8/12/2026 1:40:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00280	U	0.0130		0.00790		0.00790		0.00820	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0110	U	0.0120	U	0.0120	U	0.0100	U	0.0140	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00550	U	**0.0610**		**0.0600**		**0.0500**		**0.0610**	
Acrolein	107-02-8	~	~	~	~	~	0.00550	U	0.00620	U	0.00600	U	0.00520	U	0.00690	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Bromoform	75-25-2	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Bromomethane	74-83-9	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Chloroethane	75-00-3	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Chloromethane	74-87-3	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-21- CS-36-G1		HD161DPL GSI TP-26- CS-37-G8		HD161DPL GSI TP-26- CS-38-G7		HD161DPL GSI TP-25- CS-39-G6		HD161DPL GSI TP-25- CS-40-G2	
Sample ID							26H0685-42		26H0685-44		26H0685-46		26H0685-48		26H0685-50	
Sampling Date							8/12/2026 12:50:00 PM		8/12/2026 1:10:00 PM		8/12/2026 1:20:00 PM		8/12/2026 1:30:00 PM		8/12/2026 1:40:00 PM	
Client Matrix							Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00440	U	0.00490	U	0.00480	U	0.00410	U	0.00550	U
Ethanol	64-17-5	~	~	~	~	~	0.0440	U	0.0490	U	0.0480	U	0.0410	U	0.0550	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00440	U	0.00490	U	0.00480	U	0.00410	U	0.00550	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Iodomethane	74-88-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00550	U	0.00620	U	0.00600	U	0.00520	U	0.00690	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
o-Xylene	95-47-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00550	U	0.00620	U	0.00600	U	0.00520	U	0.00690	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Styrene	100-42-5	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0440	U	0.0490	U	0.0480	U	0.0410	U	0.0550	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00440	U	0.00490	U	0.00480	U	0.00410	U	0.00550	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0140	U	0.0150	U	0.0150	U	0.0130	U	0.0170	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00550	U	0.00620	U	0.00600	U	0.00520	U	0.00690	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00280	U	0.00310	U	0.00300	U	0.00260	U	0.00340	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00830	U	0.00930	U	0.00900	U	0.00780	U	0.0100	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-24- CS-41-G5 26H0685-52 8/12/2026 2:00:00 PM Soil		HD161DPL GSI TP-24- CS-42-G4 26H0685-54 8/12/2026 2:10:00 PM Soil		HD161DPL GSI TP-23-CS-43-G1 26H0771-02 8/13/2026 7:45:00 AM Soil		HD161DPL GSI TP-23-C3-44-G2 26H0771-04 8/13/2026 7:55:00 AM Soil		HD161DPL GSI TP-22-CS-45-G3 26H0771-06 8/13/2026 12:35:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00350	U	0.00820		0.00260	U	0.00280	U	0.00300	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0140	U	0.0110	U	0.0110	U	0.0110	U	0.0120	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00700	U	**0.0460**		0.00530	U	0.00560	U	0.00600	U
Acrolein	107-02-8	~	~	~	~	~	0.00700	U	0.00540	U	0.00530	U	0.00560	U	0.00600	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Bromoform	75-25-2	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Bromomethane	74-83-9	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Chloroethane	75-00-3	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Chloromethane	74-87-3	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-24- CS-41-G5 26H0685-52 8/12/2026 2:00:00 PM Soil		HD161DPL GSI TP-24- CS-42-G4 26H0685-54 8/12/2026 2:10:00 PM Soil		HD161DPL GSI TP-23-CS-43-G1 26H0771-02 8/13/2026 7:45:00 AM Soil		HD161DPL GSI TP-23-C3-44-G2 26H0771-04 8/13/2026 7:55:00 AM Soil		HD161DPL GSI TP-22-CS-45-G3 26H0771-06 8/13/2026 12:35:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00560	U	0.00430	U	0.00420	U	0.00440	U	0.00480	U
Ethanol	64-17-5	~	~	~	~	~	0.0560	U	0.0430	U	0.0420	U	0.0440	U	0.0480	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00560	U	0.00430	U	0.00420	U	0.00440	U	0.00480	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Iodomethane	74-88-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00700	U	0.00540	U	0.00530	U	0.00560	U	0.00600	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
o-Xylene	95-47-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00700	U	0.00540	U	0.00530	U	0.00560	U	0.00600	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Styrene	100-42-5	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0560	U	0.0430	U	0.0420	U	0.0440	U	0.0480	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00560	U	0.00430	U	0.00420	U	0.00440	U	0.00480	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0170	U	0.0130	U	0.0130	U	0.0140	U	0.0150	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00700	U	0.00540	U	0.00530	U	0.00560	U	0.00600	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00350	U	0.00270	U	0.00260	U	0.00280	U	0.00300	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.0100	U	0.00800	U	0.00790	U	0.00830	U	0.00900	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-28-CS-46-G3 26H0771-08 8/13/2026 8:55:00 AM Soil		HD161DPL GSI TP-28-CS-47-G4 26H0771-10 8/13/2026 9:10:00 AM Soil		HD161DPL GSI TP-29-CF-48-G5 26H0771-12 8/13/2026 9:40:00 AM Soil		HD161DPL GSI TP-29-CS-49-G6 26H0771-14 8/13/2026 9:50:00 AM Soil		HD161DPL GSI TP-29-CS-50-G7 26H0771-16 8/13/2026 10:25:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0110	U	0.0110	U	0.0110	U	0.0100	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.0290		0.00560	U	**0.0380**		0.00600	J	**0.0530**	
Acrolein	107-02-8	~	~	~	~	~	0.00550	U	0.00560	U	0.00530	U	0.00510	U	0.00540	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Bromoform	75-25-2	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Bromomethane	74-83-9	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Chloroethane	75-00-3	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Chloromethane	74-87-3	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-28-CS-46-G3 26H0771-08 8/13/2026 8:55:00 AM Soil		HD161DPL GSI TP-28-CS-47-G4 26H0771-10 8/13/2026 9:10:00 AM Soil		HD161DPL GSI TP-29-CF-48-G5 26H0771-12 8/13/2026 9:40:00 AM Soil		HD161DPL GSI TP-29-CS-49-G6 26H0771-14 8/13/2026 9:50:00 AM Soil		HD161DPL GSI TP-29-CS-50-G7 26H0771-16 8/13/2026 10:25:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00440	U	0.00450	U	0.00430	U	0.00400	U	0.00440	U
Ethanol	64-17-5	~	~	~	~	~	0.0440	U	0.0450	U	0.0430	U	0.0400	U	0.0440	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00440	U	0.00450	U	0.00430	U	0.00400	U	0.00440	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Iodomethane	74-88-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00550	U	0.00560	U	0.00530	U	0.00510	U	0.00540	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
o-Xylene	95-47-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00550	U	0.00560	U	0.00530	U	0.00510	U	0.00540	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Styrene	100-42-5	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0440	U	0.0450	U	0.0430	U	0.0400	U	0.0440	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00440	U	0.00450	U	0.00430	U	0.00400	U	0.00440	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0140	U	0.0140	U	0.0130	U	0.0130	U	0.0140	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00550	U	0.00560	U	0.00530	U	0.00510	U	0.00540	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00280	U	0.00280	U	0.00270	U	0.00250	U	0.00270	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00830	U	0.00850	U	0.00800	U	0.00760	U	0.00820	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-28-CS-51-G8 26H0771-18 8/13/2026 11:15:00 AM Soil		HD161DPL GSI TP-30-CS-52-G1 26H0771-20 8/13/2026 10:45:00 AM Soil		HD161DPL GSI TP-30-CS-53-G2 26H0771-22 8/13/2026 10:55:00 AM Soil		HD161DPL GSI TP-30-CS-54-G3 26H0771-24 8/13/2026 11:05:00 AM Soil		HD161DPL GSI TP-31-CS-55-G4 26H0771-26 8/13/2026 11:50:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00620		0.00270	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0100	U	0.0100	U	0.0130	U	0.00650	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Acetone	67-64-1	0.03	100	100	500	1,000	**0.0610**		0.00510	U	0.00630	U	**0.0640**		0.00530	U
Acrolein	107-02-8	~	~	~	~	~	0.00500	U	0.00510	U	0.00630	U	0.00320	U	0.00530	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Bromoform	75-25-2	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Bromomethane	74-83-9	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Chloroethane	75-00-3	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Chloromethane	74-87-3	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-28-CS-51-G8 26H0771-18 8/13/2026 11:15:00 AM Soil		HD161DPL GSI TP-30-CS-52-G1 26H0771-20 8/13/2026 10:45:00 AM Soil		HD161DPL GSI TP-30-CS-53-G2 26H0771-22 8/13/2026 10:55:00 AM Soil		HD161DPL GSI TP-30-CS-54-G3 26H0771-24 8/13/2026 11:05:00 AM Soil		HD161DPL GSI TP-31-CS-55-G4 26H0771-26 8/13/2026 11:50:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00400	U	0.00410	U	0.00500	U	0.00260	U	0.00430	U
Ethanol	64-17-5	~	~	~	~	~	0.0400	U	0.0410	U	0.0500	U	0.0260	U	0.0430	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00400	U	0.00410	U	0.00500	U	0.00260	U	0.00430	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Iodomethane	74-88-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00500	U	0.00510	U	0.00630	U	0.00320	U	0.00530	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
o-Xylene	95-47-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00500	U	0.00510	U	0.00630	U	0.00320	U	0.00530	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Styrene	100-42-5	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0400	U	0.0410	U	0.0500	U	0.0260	U	0.0430	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00400	U	0.00410	U	0.00500	U	0.00260	U	0.00430	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0130	U	0.0130	U	0.0160	U	0.00810	U	0.0130	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00500	U	0.00510	U	0.00630	U	0.00320	U	0.00530	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00250	U	0.00260	U	0.00310	U	0.00160	U	0.00270	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00750	U	0.00770	U	0.00940	U	0.00490	U	0.00800	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-31-CS-56-G5 26H0771-28 8/13/2026 12:10:00 PM Soil		HD161DPL GSI TP-31-CS-57-G6 26H0771-30 8/13/2026 12:25:00 PM Soil		HD161DPL GSI TP-27-CS-58-G7 26H0771-32 8/13/2026 12:45:00 PM Soil		HD161DPL GSI TP-33-CS-59-G8 26H0771-34 8/13/2026 1:05:00 PM Soil		HD161DPL GSI TP-33-CS-60-G5 26H0771-36 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0110	U	0.0120	U	0.0120	U	0.00950	U	0.0120	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Acetone	67-64-1	0.03	100	100	500	1,000	0.00540	U	0.00580	U	0.00580	U	0.00480	U	**0.0350**	
Acrolein	107-02-8	~	~	~	~	~	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromoform	75-25-2	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromomethane	74-83-9	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chloroethane	75-00-3	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chloromethane	74-87-3	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-31-CS-56-G5 26H0771-28 8/13/2026 12:10:00 PM Soil		HD161DPL GSI TP-31-CS-57-G6 26H0771-30 8/13/2026 12:25:00 PM Soil		HD161DPL GSI TP-27-CS-58-G7 26H0771-32 8/13/2026 12:45:00 PM Soil		HD161DPL GSI TP-33-CS-59-G8 26H0771-34 8/13/2026 1:05:00 PM Soil		HD161DPL GSI TP-33-CS-60-G5 26H0771-36 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00430	U	0.00460	U	0.00460	U	0.00380	U	0.00470	U
Ethanol	64-17-5	~	~	~	~	~	0.0430	U	0.0460	U	0.0460	U	0.0380	U	0.0470	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00430	U	0.00460	U	0.00460	U	0.00380	U	0.00470	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Iodomethane	74-88-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
o-Xylene	95-47-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Styrene	100-42-5	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0430	U	0.0460	U	0.0460	U	0.0380	U	0.0470	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00430	U	0.00460	U	0.00460	U	0.00380	U	0.00470	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0130	U	0.0140	U	0.0140	U	0.0120	U	0.0150	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00810	U	0.00860	U	0.00870	U	0.00710	U	0.00880	U

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

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 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-33-CS-61-G5 26H0771-38 8/13/2026 2:55:00 PM Soil		HD161DPL GSI TP-32-CS-62-G6 26H0771-40 8/13/2026 1:55:00 PM Soil		HD161DPL GSI TP-32-CS-63-G7 26H0771-42 8/13/2026 2:10:00 PM Soil		HD161DPL GSI TP-32-CS-64-G8 26H0771-44 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	1	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1-Dichloroethane	75-34-3	0.27	19	47	240	240	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1-Dichloroethylene	75-35-4	0.24	0.41	0.98	5.1	5.1	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,4-Trimethylbenzene	95-63-6	5.9	41	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dichloroethane	107-06-2	0.02	2.4	5.8	30	30	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,3,5-Trimethylbenzene	108-67-8	3.1	41	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.00260	U	0.00250	U	0.00240	U	0.00250	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
2-Butanone	78-93-3	0.10	100	100	500	1,000	0.00410	J	0.00250	U	0.00240	U	0.00980	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	~	0.0110	U	0.0100	U	0.00970	U	0.0100	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
2-Hexanone	591-78-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Acetone	67-64-1	0.03	100	100	500	1,000	**0.0560**		0.00510	U	0.00490	U	**0.0620**	
Acrolein	107-02-8	~	~	~	~	~	0.00530	U	0.00510	U	0.00490	U	0.00510	U
Acrylonitrile	107-13-1	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Benzene	71-43-2	0.06	1.2	3.7	20	20	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromobenzene	108-86-1	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromoform	75-25-2	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromomethane	74-83-9	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Carbon disulfide	75-15-0	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Carbon tetrachloride	56-23-5	0.76	1.9	7.1	41	41	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chlorobenzene	108-90-7	4.5	73	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chloroethane	75-00-3	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chloroform	67-66-3	0.37	4.8	24	180	180	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chloromethane	74-87-3	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U

Table 2A
Soil Analytical Results - NYSDEC Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-33-CS-61-G5 26H0771-38 8/13/2026 2:55:00 PM Soil		HD161DPL GSI TP-32-CS-62-G6 26H0771-40 8/13/2026 1:55:00 PM Soil		HD161DPL GSI TP-32-CS-63-G7 26H0771-42 8/13/2026 2:10:00 PM Soil		HD161DPL GSI TP-32-CS-64-G8 26H0771-44 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	0.19	8.7	41	500	590	0.00260	U	0.00250	U	0.00240	U	0.00250	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Cyclohexane	110-82-7	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Dibromomethane	74-95-3	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	~	0.00420	U	0.00410	U	0.00390	U	0.00410	U
Ethanol	64-17-5	~	~	~	~	~	0.0420	U	0.0410	U	0.0390	U	0.0410	U
Ethyl Benzene	100-41-4	1	32	76	390	390	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	~	0.00420	U	0.00410	U	0.00390	U	0.00410	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Iodomethane	74-88-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methyl acetate	79-20-9	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methyl Methacrylate	80-62-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.10	40	100	500	890	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methylcyclohexane	108-87-2	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methylene chloride	75-09-2	0.05	17	81	500	1,000	0.00530	U	0.00510	U	0.00490	U	0.00510	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
n-Butylbenzene	104-51-8	18	100	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
n-Propylbenzene	103-65-1	5	100	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
o-Xylene	95-47-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.00530	U	0.00510	U	0.00490	U	0.00510	U
p-Diethylbenzene	105-05-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
p-Ethyltoluene	622-96-8	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
sec-Butylbenzene	135-98-8	25	100	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Styrene	100-42-5	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	~	0.0420	U	0.0410	U	0.0390	U	0.0410	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	~	0.00420	U	0.00410	U	0.00390	U	0.00410	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	0.0130	U	0.0130	U	0.0120	U	0.0130	U
tert-Butylbenzene	98-06-6	11	100	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Tetrachloroethylene	127-18-4	1.3	15	18	81	81	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Tetrahydrofuran	109-99-9	~	~	~	~	~	0.00530	U	0.00510	U	0.00490	U	0.00510	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
trans-1,2-Dichloroethylene	156-60-5	0.19	75	100	500	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Trichloroethylene	79-01-6	0.47	1.7	6.4	54	54	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Vinyl Chloride	75-01-4	0.03	0.099	0.48	7.1	7.1	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	0.00790	U	0.00760	U	0.00730	U	0.00760	U

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

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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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		10		1		1		1		5		1	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.0373	U	0.0364	U	0.0370	U	0.0486	U	0.0378	U	0.0369	U	0.0367	U	0.0380	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0305	U	0.0298	U	0.0302	U	0.0398	U	0.0309	U	0.0302	U	0.0300	U	0.0311	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0331	U	0.0323	U	0.0328	U	0.0431	U	0.0335	U	0.0327	U	0.0325	U	0.0337	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0285	U	0.0278	U	0.0283	U	0.0371	U	0.0289	U	0.0282	U	0.0280	U	0.0291	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0287	U	0.0280	U	0.0285	U	0.0374	U	0.0291	U	0.0284	U	0.0282	U	0.0293	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0333	U	0.0325	U	0.0330	U	0.0434	U	0.0337	U	0.0329	U	0.0328	U	0.0340	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0274	U	0.0268	U	0.0272	U	0.0357	U	0.0278	U	0.0271	U	0.0270	U	0.0280	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0431	U	0.0421	U	0.0427	U	0.0562	U	0.0437	U	0.0426	U	0.0424	U	0.0440	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0427	U	0.0417	U	0.0424	U	0.0557	U	0.0433	U	0.0423	U	0.0420	U	0.0436	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0276	U	0.0270	U	0.0274	U	0.0360	U	0.0280	U	0.0273	U	0.0272	U	0.0282	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0314	U	0.0307	U	0.0312	U	0.0410	U	0.0318	U	0.0311	U	0.0309	U	0.0321	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0391	U	0.0382	U	0.0387	U	0.0509	U	0.0396	U	0.0386	U	0.0384	U	0.0399	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0351	U	0.0343	U	0.0348	U	0.0457	U	0.0355	U	0.0347	U	0.0345	U	0.0358	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0341	U	0.0333	U	0.0339	U	0.0445	U	0.0346	U	0.0338	U	0.0336	U	0.0348	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0374	U	0.0366	U	0.0371	U	0.0488	U	0.0379	U	0.0370	U	0.0368	U	0.0382	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0299	U	0.0292	U	0.0297	U	0.0390	U	0.0303	U	0.0296	U	0.0294	U	0.0305	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0268	U	0.0262	U	0.0266	U	0.0350	U	0.0272	U	0.0265	U	0.0264	U	0.0274	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0276	U	0.0269	U	0.0546	J	0.0359	U	0.0279	U	0.0273	U	0.0271	U	0.0281	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0286	U	0.0280	U	0.0284	U	0.0373	U	0.0290	U	0.0283	U	0.0282	U	0.0292	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0254	U	0.0248	U	0.0252	U	0.0331	U	0.0257	U	0.0251	U	0.0250	U	0.0259	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0401	U	0.0392	U	0.0398	U	0.0523	U	0.0406	U	0.0397	U	0.0395	U	0.0409	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0281	U	0.0275	U	0.0279	U	0.0367	U	0.0285	U	0.0278	U	0.0277	U	0.0287	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0276	U	0.0269	U	0.0274	U	0.0360	U	0.0279	U	0.0273	U	0.0271	U	0.0282	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0341	U	0.0333	U	0.0339	U	0.0445	U	0.0346	U	0.0338	U	0.0336	U	0.0348	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0470	U	0.0459	U	0.0466	U	0.0613	U	0.0476	U	0.0465	U	0.0462	U	0.0480	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0371	U	0.0363	U	0.0368	U	0.0484	U	0.0376	U	0.0367	U	0.0365	U	0.0379	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0298	U	0.0291	U	0.0296	U	0.0388	U	0.0302	U	0.0295	U	0.0293	U	0.0304	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0283	U	0.0276	U	0.0280	U	0.0369	U	0.0286	U	0.0280	U	0.0278	U	0.0288	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0374	U	0.0365	U	0.0371	U	0.0487	U	0.0379	U	0.0370	U	0.0368	U	0.0381	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0322	U	0.0315	U	0.0320	U	0.0420	U	0.0327	U	0.0319	U	0.0317	U	0.0329	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0531	U	0.0519	U	0.0527	U	0.0692	U	0.0538	U	0.0525	U	0.0523	U	0.0542	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.0511	J	0.0325	U	0.247		0.0434	U	0.0337	U	0.0342	J	0.135		0.0789	J
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.0640	J	0.0415	J	0.0507	J	0.0375	U	0.0291	U	0.0331	J	0.126		0.0367	J
Acetophenone	98-86-2	~	~	~	~	~	0.0275	U	0.0269	U	0.0273	U	0.0359	U	0.0279	U	0.0272	U	0.0271	U	0.0281	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0391	U	0.0382	U	0.0388	U	0.0510	U	0.0396	U	0.0387	U	0.0385	U	0.0399	U
Anthracene	120-12-7	100	100	100	500	1,000	0.194		0.0699	J	0.701		0.0392	U	0.0693	J	0.107		0.394		0.189	
Atrazine	1912-24-9	~	~	~	~	~	0.0321	U	0.0314	U	0.0319	U	0.0419	U	0.0326	U	0.0318	U	0.0316	U	0.0328	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0327	U	0.0319	U	0.0324	U	0.0426	U	0.0331	U	0.0323	U	0.0322	U	0.0334	U
Benzidine	92-87-5	~	~	~	~	~	0.0109	U	0.0106	U	0.0108	U	0.0142	U	0.0110	U	0.0108	U	0.0107	U	0.0111	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	0.669		0.284		**1.310**		0.121		0.245		0.379		**1.190**		0.571	
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	0.352		0.261		0.596		0.0985	J	0.116		0.205		0.551		0.280	
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	0.448		0.249		0.973		0.0929	J	0.167		0.290		0.837		0.409	
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	0.281		0.150		0.405		0.0521	J	0.0882	J	0.156		0.389		0.224	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	0.401		0.206		**0.842**		0.0816	J	0.154		0.283		0.734		0.359	
Benzoic acid	65-85-0	~	~	~	~	~	0.0378	U	0.0369	U	0.0375	U	0.0493	U	0.0383	U	0.0374	U	0.0372	U	0.0386	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0279	U	0.0273	U	0.0277	U	0.0364	U	0.0283	U	0.0276	U	0.0275	U	0.0285	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0392	U	0.0383	U	0.0389	U	0.0512	U	0.0398	U	0.0388	U	0.0386	U	0.0401	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0280	U	0.0274	U	0.0278	U	0.0365	U	0.0284	U	0.0277	U	0.0276	U	0.0286	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0209	U	0.0204	U	0.0207	U	0.0273	U	0.0212	U	0.0207	U	0.0206	U	0.0213	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0399	U	0.0390	U	0.0396	U	0.0520	U	0.0404	U	0.0394	U	0.0392	U	0.0407	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0388	U	0.112		0.0468	J	0.0506	U	0.0394	U	0.0384	U	0.639		0.0885	J
Caprolactam	105-60-2	~	~	~	~	~	0.0438	U	0.0428	U	0.0435	U	0.0572	U	0.0444	U	0.0434	U	0.0431	U	0.0447	U
Carbazole	86-74-8	~	~	~	~	~	0.0687	J	0.0292	U	0.268		0.0390	U	0.0303	U	0.0423	J	0.0754	J	0.0738	J
Chrysene	218-01-9	1	1.2	4.9	47	78	0.656		0.281		**1.180**		0.117		0.221		0.377		**1.160**		0.563	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.111		0.0569	J	0.174		0.0352	U	0.0368	J	0.0626	J	0.153		0.0877	J
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.0298	U	0.0291	U	0.167		0.0388	U	0.0301	U	0.0294	U	0.0612	J	0.0334	J
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0343	U	0.0335	U	0.0340	U	0.0447	U	0.0347	U	0.0339	U	3.550	D	0.0350	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0308	U	0.0301	U	0.0305	U	0.0401	U	0.0312	U	0.0304	U	0.0303	U	0.0314	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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		10		1		1		1		5		1	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0378	U	0.0370	U	0.0375	U	0.0493	U	0.0383	U	0.0374	U	0.977		0.0386	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0288	U	0.0281	U	0.0286	U	0.0375	U	0.0292	U	0.0285	U	0.0283	U	0.0294	U
Fluoranthene	206-44-0	85	100	100	500	1,000	1.120		0.460		2.160	D	0.219		0.389		0.632		1.780	D	0.996	
Fluorene	86-73-7	30	100	100	500	1,000	0.0529	J	0.0332	U	0.229		0.0443	U	0.0345	U	0.0336	U	0.107		0.0650	J
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0364	U	0.0356	U	0.0362	U	0.0475	U	0.0369	U	0.0361	U	0.0359	U	0.0372	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0301	U	0.0294	U	0.0299	U	0.0392	U	0.0305	U	0.0298	U	0.0296	U	0.0307	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0452	U	0.0442	U	0.0449	U	0.0590	U	0.0458	U	0.0448	U	0.0445	U	0.0462	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0349	U	0.0341	U	0.0346	U	0.0455	U	0.0353	U	0.0345	U	0.0343	U	0.0356	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	0.328		0.168		0.497		0.0568	J	0.104		0.180		0.455		0.269	
Isophorone	78-59-1	~	~	~	~	~	0.0301	U	0.0294	U	0.0299	U	0.0393	U	0.0305	U	0.0298	U	0.0297	U	0.0308	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0314	U	0.0307	U	0.0589	J	0.0409	U	0.0318	U	0.0311	U	0.0309	U	0.0321	U
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0304	U	0.0297	U	0.0301	U	0.0396	U	0.0308	U	0.0301	U	0.0299	U	0.0310	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0392	U	0.0383	U	0.0389	U	0.0511	U	0.0397	U	0.0388	U	0.0386	U	0.0400	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0293	U	0.0287	U	0.0291	U	0.0383	U	0.0297	U	0.0290	U	0.0289	U	0.0299	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0362	U	0.0354	U	0.0360	U	0.0473	U	0.0367	U	0.0359	U	0.0357	U	0.0370	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0401	U	0.0391	U	0.0397	U	0.0522	U	0.0406	U	0.0396	U	0.0394	U	0.0409	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	0.685		0.213		**2.100**	D	0.153		0.233		0.365		1.050		0.642	
Phenol	108-95-2	0.33	100	100	500	1,000	0.0380	U	0.0371	U	0.0377	U	0.0495	U	0.0385	U	0.0376	U	0.0374	U	0.0387	U
Pyrene	129-00-0	64	100	100	500	1,000	1.310		0.538		2.280	D	0.263		0.460		0.772		2.090	D	1.130	
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	**0.00549**	D	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	**0.00997**	D	**0.00546**	D
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33																
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	NT		0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	**0.00418**	DP	0.00205	DP
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	0.00183	U	NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	**0.00595**	D	0.00357	U	0.00363	U	0.00471	U	**0.00388**	D	0.00358	U	0.00360	U	0.00373	U
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00183	U	0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00180	U	0.00187	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00549	U	0.00536	U	0.00544	U	0.00706	U	0.00550	U	0.00537	U	0.00540	U	0.00560	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	NT		0.00357	U	NT		0.00471	U	0.00367	U	0.00358	U	0.00491	D	0.00373	U
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	0.00366	U	NT		0.00363	U	NT		NT		NT		NT		NT	
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00823	U	0.00804	U	0.00816	U	0.0106	U	0.00826	U	0.00806	U	0.00810	U	0.00840	U
Chlordane, total	57-74-9	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00549	U	0.00536	U	0.00544	U	0.00706	U	0.00550	U	0.00537	U	0.00540	U	0.00560	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00183	U	0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00180	U	0.00187	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	0.00549	U	0.00536	U	0.00544	U	0.00706	U	0.00550	U	0.00537	U	0.00540	U	0.00560	U
Endrin ketone	53494-70-5	~	~	~	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	0.00420	D	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00367	DP	0.00373	U
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	0.00183	U	0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00180	U	0.00187	U
Methoxychlor	72-43-5	~	~	~	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Toxaphene	8001-35-2	~	~	~	~	~	0.0914	U	0.0893	U	0.0907	U	0.118	U	0.0917	U	0.0896	U	0.0900	U	0.0933	U
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0193		0.0187	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0196		0.0201		0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0187		0.0187	U
Total PCBs	1336-36-3	0.1	1	1	1	25	0.0350		0.0355		0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0380		0.0299	

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	4,150		3,260		5,330		2,440		5,850		5,910		4,700		6,190	
Antimony	7440-36-0	~	~	~	~	~	2.300	U	2.250	U	2.280	U	3.010	U	2.310	U	2.250	U	2.230	U	2.350	U
Arsenic	7440-38-2	13	16	16	16	16	3.210		3.740		3.810		2.600		3.520		3.440		3.730		3.790	
Barium	7440-39-3	410	410	410	410	10,000	86		81.700		85.100		65.100		59.900		93.400		151		149	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.116		0.107		0.165		0.0610	U	0.205		0.159		0.139		0.180	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.534		0.467		0.849		0.361	U	0.277	U	0.325		0.517		0.423	
Calcium	7440-70-2	~	~	~	~	~	5,770		2,420		3,350		1,030		1,660		2,800		6,040		3,860	
Chromium	7440-47-3	~	~	~	~	~	10.100		11.700		12.100		8.250		15.800		27.900		14.900		16.500	
Cobalt	7440-48-4	~	~	~	~	~	3.210		3.430		4.760		2.430		6.050		5.850		4.040		5.840	
Copper	7440-50-8	50	280	280	280	10,000	28.400		40.900		28.500		24.200		22.600		28.900		42.200		43.200	
Iron	7439-89-6	~	~	~	~	~	13,200		8,680		12,200		6,270		11,900		11,100		9,980		12,300	
Lead	7439-92-1	63	400	400	1,000	3,900	**144**		**156**		**172**		**185**		**115**		**138**		**177**		**201**	
Magnesium	7439-95-4	~	~	~	~	~	2,310		1,370		1,970		869		2,550		2,510		2,790		2,500	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	134		91		175		72.800		276		246		160		193	
Nickel	7440-02-0	30	87	320	320	5,900	11.600		13.100		21.700		8.850		**37**		**36.800**		21.200		**33.700**	
Potassium	7440-09-7	~	~	~	~	~	580		432		680		395		856		998		695		1,010	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.300	U	2.250	U	2.280	U	3.010	U	2.310	U	2.250	U	2.230	U	2.350	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.464	U	0.453	U	1.650		0.607	U	0.465	U	0.454	U	0.449	U	0.473	U
Sodium	7440-23-5	~	~	~	~	~	145		79.300		97.400		63.600		94.800		118		101		159	
Thallium	7440-28-0	~	~	~	~	~	1.840	U	1.800	U	1.830	U	2.410	U	1.850	U	1.810	U	1.790	U	1.880	U
Vanadium	7440-62-2	~	~	~	~	~	14.400		16		17.500		21.200		20.600		86.400		17.400		19.800	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**160**		**168**		**122**		87.800		75.100		94.100		**161**		**130**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.315**		**0.284**		**0.253**		0.120		**0.563**		**0.452**		**0.416**		**0.657**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.552	U	0.539	U	0.548	U	0.711	U	0.554	U	0.541	U	0.543	U	0.564	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.552	U	0.539	U	0.548	U	0.711	U	0.554	U	0.541	U	0.543	U	0.564	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	22.1		22.5		22.6		22.3		22.4		22.4		22.5		22.4	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	89		93		90		75		91		93		91		89	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	90.6	B	92.7	B	91.3	B	70.4	B	90.3	B	92.4	B	92	B	88.7	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil		HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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		10		10		1		10		20	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.0458	U	0.0379	U	0.0398	U	0.0598	J	0.0389	U	0.0423	U	0.0392	U	0.0379	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0374	U	0.0310	U	0.0326	U	0.0325	U	0.0319	U	0.0346	U	0.0321	U	0.0310	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0406	U	0.0336	U	0.0353	U	0.0353	U	0.0346	U	0.0375	U	0.0348	U	0.0336	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0350	U	0.0290	U	0.0304	U	0.0304	U	0.0298	U	0.0323	U	0.0300	U	0.0290	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0352	U	0.0291	U	0.0306	U	0.0306	U	0.0300	U	0.0325	U	0.0302	U	0.0292	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0409	U	0.0338	U	0.0356	U	0.0355	U	0.0348	U	0.0377	U	0.0350	U	0.0338	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0337	U	0.0279	U	0.0293	U	0.0292	U	0.0286	U	0.0311	U	0.0289	U	0.0279	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0529	U	0.0438	U	0.0460	U	0.0459	U	0.0450	U	0.0489	U	0.0453	U	0.0438	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0525	U	0.0434	U	0.0456	U	0.0455	U	0.0446	U	0.0485	U	0.0450	U	0.0434	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0339	U	0.0281	U	0.0295	U	0.0294	U	0.0288	U	0.0313	U	0.0291	U	0.0281	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0386	U	0.0319	U	0.0336	U	0.0335	U	0.0328	U	0.0356	U	0.0331	U	0.0319	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0480	U	0.0397	U	0.0417	U	0.0416	U	0.0408	U	0.0443	U	0.0411	U	0.0397	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0431	U	0.0357	U	0.0375	U	0.0374	U	0.0367	U	0.0398	U	0.0369	U	0.0357	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0419	U	0.0347	U	0.0365	U	0.0364	U	0.0357	U	0.0387	U	0.0359	U	0.0347	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0460	U	0.0380	U	0.0400	U	0.0399	U	0.0391	U	0.0424	U	0.0394	U	0.0381	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0367	U	0.0304	U	0.0320	U	0.0319	U	0.0313	U	0.0339	U	0.0315	U	0.0304	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0329	U	0.0273	U	0.0287	U	0.0286	U	0.0280	U	0.0304	U	0.0282	U	0.0273	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0338	U	0.0280	U	0.0294	U	0.279		0.0288	U	0.0313	U	0.0424	J	0.0399	J
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0352	U	0.0291	U	0.0306	U	0.0305	U	0.0299	U	0.0325	U	0.0301	U	0.0291	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0312	U	0.0258	U	0.0271	U	0.0271	U	0.0265	U	0.0288	U	0.0267	U	0.0258	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0492	U	0.0408	U	0.0428	U	0.0428	U	0.0419	U	0.0455	U	0.0422	U	0.0408	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0345	U	0.0286	U	0.0301	U	0.0300	U	0.0294	U	0.0319	U	0.0296	U	0.0286	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0339	U	0.0280	U	0.0295	U	0.0294	U	0.0288	U	0.0313	U	0.0290	U	0.0280	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0419	U	0.0347	U	0.0365	U	0.0364	U	0.0357	U	0.0387	U	0.0359	U	0.0347	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0577	U	0.0477	U	0.0502	U	0.0501	U	0.0491	U	0.0533	U	0.0495	U	0.0478	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0456	U	0.0377	U	0.0397	U	0.0396	U	0.0388	U	0.0421	U	0.0391	U	0.0377	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0366	U	0.0303	U	0.0318	U	0.0318	U	0.0311	U	0.0338	U	0.0313	U	0.0303	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0347	U	0.0287	U	0.0302	U	0.0301	U	0.0295	U	0.0321	U	0.0297	U	0.0287	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0459	U	0.0380	U	0.0399	U	0.0398	U	0.0391	U	0.0424	U	0.0393	U	0.0380	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0396	U	0.0327	U	0.0344	U	0.0344	U	0.0337	U	0.0365	U	0.0339	U	0.0328	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0652	U	0.0540	U	0.0567	U	0.0566	U	0.0555	U	0.0602	U	0.0559	U	0.0540	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.0530	J	0.0921		0.0392	J	0.598		0.162		0.0378	U	0.122		0.294	
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.0353	U	0.0340	J	0.0346	J	0.143		0.177		0.0326	U	0.0939	J	0.220	
Acetophenone	98-86-2	~	~	~	~	~	0.0338	U	0.0280	U	0.0294	U	0.0294	U	0.0288	U	0.0312	U	0.0290	U	0.0280	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0480	U	0.0397	U	0.0418	U	0.0417	U	0.0409	U	0.0444	U	0.0412	U	0.0398	U
Anthracene	120-12-7	100	100	100	500	1,000	0.140		0.201		0.108		1.240		0.616		0.0481	J	0.361		0.551	
Atrazine	1912-24-9	~	~	~	~	~	0.0395	U	0.0327	U	0.0343	U	0.0343	U	0.0336	U	0.0364	U	0.0338	U	0.0327	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0402	U	0.0332	U	0.0349	U	0.0349	U	0.0342	U	0.0371	U	0.0344	U	0.0332	U
Benzidine	92-87-5	~	~	~	~	~	0.0133	U	0.0110	U	0.0116	U	0.0116	U	0.0114	U	0.0123	U	0.0114	U	0.0110	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	0.436		0.760		0.420		**2.420**	D	**2.240**	D	0.157		**1.190**		**2.320**	D
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	0.255		0.491		0.386		**1.250**		**1.740**	D	0.134		**1.010**		**2.550**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	0.358		0.718		0.353		**1.530**	D	**1.570**	D	0.0902	J	0.873		**2.190**	D
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	0.246		0.463		0.249		**1.060**		**1.070**		0.0910	J	0.534		**1.530**	E
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	0.318		0.585		0.320		**1.510**	D	**1.420**	D	0.100	J	0.791		**1.580**	E
Benzoic acid	65-85-0	~	~	~	~	~	0.0464	U	0.0384	U	0.0404	U	0.0403	U	0.0395	U	0.0429	U	0.0398	U	0.0384	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0343	U	0.0283	U	0.0298	U	0.0297	U	0.0292	U	0.0316	U	0.0294	U	0.0284	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0482	U	0.0399	U	0.0523	J	0.0418	U	0.0410	U	0.0445	U	0.0413	U	0.0399	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0344	U	0.0285	U	0.0299	U	0.0299	U	0.0293	U	0.0318	U	0.0295	U	0.0285	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0257	U	0.0212	U	0.0223	U	0.0223	U	0.0218	U	0.0237	U	0.0220	U	0.0213	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0490	U	0.0405	U	0.0426	U	0.0425	U	0.0417	U	0.0452	U	0.0420	U	0.0405	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0477	U	0.0621	J	0.0415	U	0.127		0.0756	J	0.0440	U	0.219		0.0395	U
Caprolactam	105-60-2	~	~	~	~	~	0.0538	U	0.0445	U	0.0468	U	0.0467	U	0.0458	U	0.0497	U	0.0461	U	0.0446	U
Carbazole	86-74-8	~	~	~	~	~	0.0539	J	0.0658	J	0.0377	J	0.385		0.139		0.0339	U	0.120		0.159	
Chrysene	218-01-9	1	1.2	4.9	47	78	0.410		0.763		0.415		**2.250**	D	**2.050**	D	0.159		**1.200**		**2.110**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.0901	J	0.166		0.0869	J	**0.422**		**0.455**		0.0306	U	0.199		0.152	
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.0365	U	0.0302	U	0.0318	U	0.309		0.0556	J	0.0337	U	0.0534	J	0.128	
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0421	U	0.0348	U	0.0366	U	0.0365	U	0.0358	U	0.0388	U	0.0361	U	0.0348	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0378	U	0.0313	U	0.0329	U	0.0328	U	0.0321	U	0.0349	U	0.0324	U	0.0313	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil		HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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		10		10		1		10		20	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0465	U	0.0385	U	0.0404	U	0.158		0.0395	U	0.0429	U	0.0666	J	0.0385	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0353	U	0.0292	U	0.0308	U	0.0307	U	0.0301	U	0.0326	U	0.0303	U	0.0293	U
Fluoranthene	206-44-0	85	100	100	500	1,000	0.723		1.290		0.744		4.070	D	3.350	D	0.270		1.620	D	4.550	D
Fluorene	86-73-7	30	100	100	500	1,000	0.0418	U	0.0486	J	0.0363	U	0.568		0.127		0.0386	U	0.103		0.166	
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0448	U	0.0370	U	0.0389	U	0.0389	U	0.0381	U	0.0413	U	0.0384	U	0.0371	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0370	U	0.0306	U	0.0322	U	0.0321	U	0.0315	U	0.0341	U	0.0317	U	0.0306	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0556	U	0.0460	U	0.0483	U	0.0482	U	0.0473	U	0.0513	U	0.0476	U	0.0460	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0428	U	0.0354	U	0.0373	U	0.0372	U	0.0364	U	0.0396	U	0.0367	U	0.0355	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	0.266		0.493		0.267		**1.270**		**1.310**		0.0922	J	**0.601**		**1.540**	E
Isophorone	78-59-1	~	~	~	~	~	0.0370	U	0.0306	U	0.0322	U	0.0321	U	0.0315	U	0.0342	U	0.0317	U	0.0306	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0386	U	0.0319	U	0.0336	U	0.514		0.0328	U	0.0356	U	0.0689	J	0.0483	J
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0373	U	0.0309	U	0.0325	U	0.0324	U	0.0317	U	0.0345	U	0.0320	U	0.0309	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0481	U	0.0398	U	0.0419	U	0.0418	U	0.0409	U	0.0444	U	0.0412	U	0.0398	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0360	U	0.0298	U	0.0314	U	0.0313	U	0.0307	U	0.0333	U	0.0309	U	0.0298	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0445	U	0.0368	U	0.0387	U	0.0386	U	0.0379	U	0.0411	U	0.0381	U	0.0368	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0492	U	0.0407	U	0.0428	U	0.0427	U	0.0419	U	0.0454	U	0.0422	U	0.0407	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	0.436		0.543		0.341		**3.730**	D	**1.500**	D	0.168		**1.190**		**1.690**	E
Phenol	108-95-2	0.33	100	100	500	1,000	0.0466	U	0.0386	U	0.0406	U	0.0405	U	0.0397	U	0.0431	U	0.0400	U	0.0386	U
Pyrene	129-00-0	64	100	100	500	1,000	0.777		1.340		0.753		4.860	D	3.810	D	0.308		2.180	D	3.890	D
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	**0.0150**	D	**0.0144**	D	**0.0150**	D	**0.0236**	D	0.00381	U	**0.00829**	D	**0.0105**	D	0.00367	U
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33															NT	
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	**0.00666**	D	**0.00494**	D	**0.00668**	D	**0.00612**	D	**0.00667**	D	0.00285	D	**0.00415**	D	0.00183	U
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	0.00666	U	**0.00464**	DP	**0.00626**	DP	**0.00456**	DP	**0.00596**	DP	**0.00418**	DP	0.00384	U	0.00367	U
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00333	U	0.00183	U	0.00193	U	0.00194	U	0.00190	U	0.00207	U	0.00192	U	0.00183	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00999	U	0.00550	U	0.00578	U	0.00583	U	0.00571	U	0.00622	U	0.00575	U	0.00550	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	0.00698	D	0.00795	D	NT		0.00651	D	0.00955	D	0.00415	U	0.00453	D	0.00367	U
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		NT		0.00386	U	NT		NT		NT		NT		NT	
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.0150	U	0.00825	U	0.00868	U	0.00874	U	0.00857	U	0.00933	U	0.00863	U	0.00826	U
Chlordane, total	57-74-9	~	~	~	~	~	0.0713	D	0.0621	DP	0.0406	D	0.0438	DP	0.0190	U	0.0207	U	0.0192	U		
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00999	U	0.00550	U	0.00578	U	0.00583	U	0.00571	U	0.00622	U	0.00575	U	0.00550	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00333	U	0.00183	U	0.00193	U	0.00194	U	0.00190	U	0.00207	U	0.00192	U	0.00183	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	0.00999	U	0.00550	U	0.00578	U	0.00583	U	0.00571	U	0.00622	U	0.00575	U		
Endrin ketone	53494-70-5	~	~	~	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U		
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	0.00936	D	0.00932	D	0.00408	D	0.00816	D	0.0110	D	0.00415	U	0.00509	D		
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	0.00333	U	0.00183	U	0.00221	D	0.00269	D	0.00190	U	0.00207	U	0.00192	U		
Methoxychlor	72-43-5	~	~	~	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U		
Toxaphene	8001-35-2	~	~	~	~	~	0.167	U	0.0917	U	0.0964	U	0.0972	U	0.0952	U	0.104	U	0.0959	U		
PCB, 8082 MASTER		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 / 5000 / 50	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0462		0.0268		0.0298		0.0299		0.0311		0.0207	U	0.0513		2740 / Rerun 32.4	D
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0639		0.0375		0.0345		0.0401		0.0453		0.0406		0.0465		0.0183	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0485		0.0266		0.0257		0.0301		0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Total PCBs	1336-36-3	0.1	1	1	1	25	**0.159**		0.0908		0.0900		0.100		0.0764		0.0588		0.0977		***2740 /Rerun 32.4**	D

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil		HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	7,970		6,310		6,780		6,590		7,230		7,390		6,870		7,370	
Antimony	7440-36-0	~	~	~	~	~	2.790	U	2.310	U	2.470	U	2.370	U	2.400	U	2.570	U	2.410	U	2.230	U
Arsenic	7440-38-2	13	16	16	16	16	6.020		3.990		6.530		6.900		5.490		6.920		5.420		5.450	
Barium	7440-39-3	410	410	410	410	10,000	181		117		270		258		139		245		130		170	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.205		0.174		0.198		0.228		0.198		0.220		2.910		0.282	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.669		0.388		0.987		1.230		0.345		1.050		0.830		0.420	
Calcium	7440-70-2	~	~	~	~	~	5,740		7,570		5,430		8,950		13,700		6,750		6,750		21,000	
Chromium	7440-47-3	~	~	~	~	~	19.800		15.600		20.200		20.300		16.900		18.400		17.500		23.700	
Cobalt	7440-48-4	~	~	~	~	~	8.020		5.530		5.410		6.510		5.310		6.100		5.450		6.350	
Copper	7440-50-8	50	280	280	280	10,000	**74.500**		**51.200**		**90.100**		**88.900**		33.500		**59**		30.400		37.400	
Iron	7439-89-6	~	~	~	~	~	18,400		11,500		15,400		17,200		12,200		17,100		11,300		17,500	
Lead	7439-92-1	63	400	400	1,000	3,900	**729**		**217**		**360**		**362**		**213**		**390**		**232**		**346**	
Magnesium	7439-95-4	~	~	~	~	~	3,100		2,900		2,270		2,720		2,870		2,910		2,320		8,020	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	244		193		157		193		199		249		182		264	
Nickel	7440-02-0	30	87	320	320	5,900	**38.500**		23.800		25.100		28.200		22.800		21.800		21.400		29.100	
Potassium	7440-09-7	~	~	~	~	~	1,350		909		883		860		1,040		1,020		1,070		985	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.790	U	2.310	U	2.470	U	2.370	U	2.400	U	2.570	U	2.410	U	2.230	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.591		0.465	U	0.997		0.861		0.483	U	0.554		0.487	U	0.450	U
Sodium	7440-23-5	~	~	~	~	~	151		132		155		144		186		237		145		176	
Thallium	7440-28-0	~	~	~	~	~	2.240	U	1.850	U	1.980	U	1.900	U	1.920	U	2.060	U	1.930	U	1.790	U
Vanadium	7440-62-2	~	~	~	~	~	33.200		31.600		24.900		22.700		20.900		32.400		23.700		37	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**216**		**156**		**318**		**323**		**167**		**348**		**193**		**193**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.651**		**0.592**		**0.610**		**0.817**		**0.564**		**0.493**		**0.439**		**0.602**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.669	U	0.554	U	0.582	U	0.587	U	0.575	U	0.626	U	0.579	U	0.554	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.669	U	0.554	U	0.582	U	0.587	U	0.575	U	0.626	U	0.579	U	0.554	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	22.1		22.9		22.1		22.3		22.3		22		22.1		22.2	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	75		89		87		86		89		71		75		88	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	74.7	B	90.3	B	85.9	B	85.2	B	86.9	B	79.8	B	86.3	B	90.2	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil		HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							5		5		5		5		5		1		5		5	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.0386	U	0.0377	U	0.0391	U	0.0388	U	0.0400	U	0.0374	U	0.0434	U	0.0382	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0316	U	0.0308	U	0.0320	U	0.0317	U	0.0327	U	0.0306	U	0.0355	U	0.0313	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0343	U	0.0334	U	0.0347	U	0.0344	U	0.0355	U	0.0332	U	0.0385	U	0.0339	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0295	U	0.0288	U	0.0299	U	0.0297	U	0.0306	U	0.0286	U	0.0332	U	0.0292	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0297	U	0.0290	U	0.0301	U	0.0299	U	0.0308	U	0.0288	U	0.0334	U	0.0294	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0345	U	0.0336	U	0.0350	U	0.0346	U	0.0357	U	0.0334	U	0.0387	U	0.0341	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0284	U	0.0277	U	0.0288	U	0.0285	U	0.0294	U	0.0275	U	0.0319	U	0.0281	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0447	U	0.0435	U	0.0453	U	0.0448	U	0.0462	U	0.0432	U	0.0502	U	0.0442	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0443	U	0.0432	U	0.0449	U	0.0445	U	0.0459	U	0.0429	U	0.0497	U	0.0438	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0286	U	0.0279	U	0.0290	U	0.0287	U	0.0296	U	0.0277	U	0.0321	U	0.0283	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0326	U	0.0318	U	0.0330	U	0.0327	U	0.0337	U	0.0315	U	0.0366	U	0.0322	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0405	U	0.0395	U	0.0410	U	0.0406	U	0.0419	U	0.0392	U	0.0455	U	0.0400	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0364	U	0.0355	U	0.0369	U	0.0365	U	0.0377	U	0.0352	U	0.0408	U	0.0360	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0354	U	0.0345	U	0.0359	U	0.0355	U	0.0366	U	0.0343	U	0.0397	U	0.0350	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0388	U	0.0378	U	0.0393	U	0.0390	U	0.0402	U	0.0376	U	0.0436	U	0.0384	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0310	U	0.0302	U	0.0314	U	0.0311	U	0.0321	U	0.0300	U	0.0348	U	0.0307	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0278	U	0.0271	U	0.0282	U	0.0279	U	0.0288	U	0.0269	U	0.0312	U	0.0275	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0500	J	0.0335	J	0.0408	J	0.0287	U	0.0296	U	0.0277	U	0.0321	U	0.0283	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0297	U	0.0290	U	0.0301	U	0.0298	U	0.0307	U	0.0287	U	0.0333	U	0.0294	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0263	U	0.0257	U	0.0267	U	0.0264	U	0.0273	U	0.0255	U	0.0296	U	0.0260	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0416	U	0.0405	U	0.0421	U	0.0417	U	0.0430	U	0.0402	U	0.0467	U	0.0411	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0292	U	0.0284	U	0.0296	U	0.0293	U	0.0302	U	0.0282	U	0.0328	U	0.0288	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0286	U	0.0279	U	0.0290	U	0.0287	U	0.0296	U	0.0277	U	0.0321	U	0.0283	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0354	U	0.0345	U	0.0359	U	0.0355	U	0.0366	U	0.0343	U	0.0397	U	0.0350	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0487	U	0.0475	U	0.0494	U	0.0489	U	0.0504	U	0.0472	U	0.0547	U	0.0482	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0385	U	0.0375	U	0.0390	U	0.0386	U	0.0398	U	0.0373	U	0.0432	U	0.0381	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0309	U	0.0301	U	0.0313	U	0.0310	U	0.0320	U	0.0299	U	0.0347	U	0.0305	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0293	U	0.0286	U	0.0297	U	0.0294	U	0.0303	U	0.0284	U	0.0329	U	0.0290	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0388	U	0.0378	U	0.0393	U	0.0389	U	0.0401	U	0.0375	U	0.0435	U	0.0383	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0334	U	0.0326	U	0.0339	U	0.0335	U	0.0346	U	0.0323	U	0.0375	U	0.0330	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0551	U	0.0537	U	0.0558	U	0.0553	U	0.0570	U	0.0533	U	0.0618	U	0.0544	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.348		0.172		0.206		0.104		0.131		0.0334	U	0.264		0.273	
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.183		0.0833	J	0.291		0.123		0.0911	J	0.0697	J	0.213		0.114	
Acetophenone	98-86-2	~	~	~	~	~	0.0286	U	0.0278	U	0.0289	U	0.0287	U	0.0296	U	0.0276	U	0.0321	U	0.0282	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0406	U	0.0395	U	0.0411	U	0.0407	U	0.0420	U	0.0393	U	0.0455	U	0.0401	U
Anthracene	120-12-7	100	100	100	500	1,000	0.723		0.433		0.635		0.318		0.273		0.142		0.748		0.486	
Atrazine	1912-24-9	~	~	~	~	~	0.0333	U	0.0325	U	0.0338	U	0.0334	U	0.0345	U	0.0323	U	0.0374	U	0.0329	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0339	U	0.0331	U	0.0344	U	0.0340	U	0.0351	U	0.0328	U	0.0381	U	0.0335	U
Benzidine	92-87-5	~	~	~	~	~	0.0113	U	0.0110	U	0.0114	U	0.0113	U	0.0117	U	0.0109	U	0.0127	U	0.0111	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	**2.110**	D	**1.290**		**2.080**	D	**1.230**		0.880		0.558		**2.380**	D	**1.640**	D
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	**1.020**	D	**1.380**		**1.840**	D	**1.410**		1		0.669		**2.710**	D	**1.810**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	**1.370**	D	**1.210**		**1.510**	D	**1.260**		0.851		0.657		**2.260**	D	**1.580**	D
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	**1.190**		**0.643**		**1.290**		**0.659**		0.469		0.353		**1.440**		**0.900**	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	**1.300**		**0.936**		**1.350**		**0.922**		0.652		0.416		**1.540**		**1.280**	
Benzoic acid	65-85-0	~	~	~	~	~	0.0392	U	0.0382	U	0.0397	U	0.0393	U	0.0406	U	0.0379	U	0.0440	U	0.0388	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0289	U	0.0282	U	0.0293	U	0.0290	U	0.0299	U	0.0280	U	0.0325	U	0.0286	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0407	U	0.0397	U	0.0412	U	0.0409	U	0.0421	U	0.0394	U	0.0457	U	0.0402	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0291	U	0.0283	U	0.0294	U	0.0292	U	0.0301	U	0.0281	U	0.0326	U	0.0287	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0217	U	0.0211	U	0.0220	U	0.0218	U	0.0224	U	0.0210	U	0.0243	U	0.0214	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0413	U	0.0403	U	0.0419	U	0.0415	U	0.0428	U	0.0400	U	0.0464	U	0.0409	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0403	U	0.0567	J	0.135		0.0929	J	0.0417	U	0.0462	J	0.0452	U	0.0682	J
Caprolactam	105-60-2	~	~	~	~	~	0.0455	U	0.0443	U	0.0461	U	0.0456	U	0.0470	U	0.0440	U	0.0510	U	0.0449	U
Carbazole	86-74-8	~	~	~	~	~	0.238		0.185		0.217		0.103		0.102		0.0394	J	0.260		0.185	
Chrysene	218-01-9	1	1.2	4.9	47	78	**1.970**	D	**1.150**		**2.050**	D	**1.120**		0.816		0.508		**2.170**	D	**1.690**	E
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.121		0.0742	J	0.134		0.0734	J	0.0417	J	0.0401	J	0.159		0.110	
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.140		0.0753	J	0.116		0.0483	J	0.0319	U	0.0299	U	0.142		0.0893	J
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0355	U	0.0346	U	0.0360	U	0.0357	U	0.0368	U	0.0344	U	0.0399	U	0.0351	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0319	U	0.0311	U	0.0323	U	0.0320	U	0.0330	U	0.0309	U	0.0358	U	0.0315	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil		HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							5		5		5		5		5		1		5		5	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0392	U	0.0383	U	0.0398	U	0.0394	U	0.0876	J	0.0380	U	0.0441	U	0.0388	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0298	U	0.0291	U	0.0302	U	0.0300	U	0.0309	U	0.0289	U	0.0335	U	0.0295	U
Fluoranthene	206-44-0	85	100	100	500	1,000	3.830	D	2.320	D	3.610	D	2.130	D	1.650	D	0.946		4.530	D	3.500	D
Fluorene	86-73-7	30	100	100	500	1,000	0.269		0.160		0.205		0.0955		0.139		0.0341	U	0.241		0.150	
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0378	U	0.0368	U	0.0383	U	0.0379	U	0.0391	U	0.0366	U	0.0424	U	0.0374	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0312	U	0.0304	U	0.0316	U	0.0313	U	0.0323	U	0.0302	U	0.0350	U	0.0309	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0469	U	0.0457	U	0.0475	U	0.0471	U	0.0486	U	0.0454	U	0.0527	U	0.0464	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0362	U	0.0353	U	0.0366	U	0.0363	U	0.0374	U	0.0350	U	0.0406	U	0.0358	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	**1.210**		**0.675**		**1.320**		**0.684**		0.469		0.347		**1.510**		**0.950**	
Isophorone	78-59-1	~	~	~	~	~	0.0313	U	0.0305	U	0.0317	U	0.0314	U	0.0324	U	0.0303	U	0.0351	U	0.0309	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0608	J	0.0644	J	0.0624	J	0.0327	U	0.0471	J	0.0315	U	0.0444	J	0.0332	J
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0315	U	0.0307	U	0.0319	U	0.0316	U	0.0326	U	0.0305	U	0.0354	U	0.0311	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0406	U	0.0396	U	0.0412	U	0.0408	U	0.0421	U	0.0393	U	0.0456	U	0.0402	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0304	U	0.0297	U	0.0308	U	0.0305	U	0.0315	U	0.0294	U	0.0342	U	0.0301	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0376	U	0.0366	U	0.0381	U	0.0377	U	0.0389	U	0.0364	U	0.0422	U	0.0372	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0415	U	0.0405	U	0.0421	U	0.0417	U	0.0430	U	0.0402	U	0.0466	U	0.0411	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	**2.310**	D	**1.610**	E	**2.010**	D	1.090		**1.170**		0.346		**2.080**	D	**1.620**	E
Phenol	108-95-2	0.33	100	100	500	1,000	0.0394	U	0.0384	U	0.0399	U	0.0395	U	0.0407	U	0.0381	U	0.0442	U	0.0389	U
Pyrene	129-00-0	64	100	100	500	1,000	4.080	D	2.360	D	4.020	D	1.760	D	1.620	E	0.843		3.740	D	2.800	D
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	**0.0368**	D	**0.00832**	D	**0.00797**	D	**0.0140**	D	**0.0154**	D	0.00361	U	NT		NT	
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33	NT		NT		NT		NT		NT		NT		**0.0176**	DP	**0.0144**	D
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	**0.00967**	D	0.00219	D	**0.00343**	D	**0.00439**	D	**0.00730**	D	0.00180	U	**0.0143**	DP	**0.00794**	DP
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	**0.00837**	DP	**0.00449**	DP	**0.00407**	DP	0.00376	U	**0.00676**	DP	0.00361	U	0.00823	U	**0.00471**	DP
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00187	U	0.00182	U	0.00190	U	0.00188	U	0.00193	U	0.00180	U	0.00412	U	0.00184	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00561	U	0.00547	U	0.00569	U	0.00563	U	0.00579	U	0.00542	U	0.0124	U	0.00553	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	**0.0194**	D	0.00365	U	0.00576	D	0.00521	D	0.00386	U	0.00361	U	**0.0269**	D	**0.0162**	D
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		NT		NT		NT		NT		NT		NT		NT	
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00842	U	0.00821	U	0.00853	U	0.00845	U	0.00869	U	0.00812	U	0.0185	U	0.00830	U
Chlordane, total	57-74-9	~	~	~	~	~																
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00561	U	0.00547	U	0.00569	U	0.00563	U	0.00579	U	0.00542	U	0.0124	U	0.00553	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	**0.00823**	U	0.00369	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00187	U	0.00182	U	0.00190	U	0.00188	U	0.00193	U	0.00180	U	0.00412	U	0.00184	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endrin aldehyde	7421-93-4	~	~	~	~	~																
Endrin ketone	53494-70-5	~	~	~	~	~																
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
gamma-Chlordane	5566-34-7	~	~	~	~	~																
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~																
Methoxychlor	72-43-5	~	~	~	~	~																
Toxaphene	8001-35-2	~	~	~	~	~																
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0675		0.0229		0.0234	P	0.0554		0.118		0.0180	U	0.0412	U	0.102	
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0614		0.0193		0.0563		0.0447		0.120		0.0180	U	0.134	P	0.0721	
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0399		0.0182	U	0.0190	U	0.0323		0.0891		0.0180	U	0.0412	U	0.0184	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Total PCBs	1336-36-3	0.1	1	1	1	25	**0.169**		0.0587		0.0797		**0.132**		**0.327**		0.0232		**0.134**	P	**0.174**	

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil		HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	7,680		4,670		7,090		7,190		5,590		6,920		5,600		7,640	
Antimony	7440-36-0	~	~	~	~	~	2.320	U	2.260	U	2.310	U	2.290	U	2.350	U	2.270	U	2.680	U	2.280	U
Arsenic	7440-38-2	13	16	16	16	16	7.040		3.090		5.710		8.690		6.860		4		9.860		5.190	
Barium	7440-39-3	410	410	410	410	10,000	172		136		186		180		294		77.900		157		147	
Beryllium	7440-41-7	4.4	8.8	43	670	750	3.080		0.265		0.218		0.260		0.221		0.174		0.153		0.230	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.889		0.614		0.683		0.704		1.130		0.273	U	0.557		0.411	
Calcium	7440-70-2	~	~	~	~	~	11,300		11,900		9,760		10,600		14,900		4,430		10,600		8,130	
Chromium	7440-47-3	~	~	~	~	~	17.700		13.100		18.700		18.100		31.400		20.700		12.700		16.900	
Cobalt	7440-48-4	~	~	~	~	~	16.700		4.220		19		11.700		5.350		6.530		5.210		7.250	
Copper	7440-50-8	50	280	280	280	10,000	**86.600**		**54.700**		**55.800**		**69**		**113**		29.900		33.900		46.300	
Iron	7439-89-6	~	~	~	~	~	15,900		10,200		14,700		15,700		18,300		13,300		12,800		14,900	
Lead	7439-92-1	63	400	400	1,000	3,900	**336**		**302**		**330**		**297**		**474**		**110**		**326**		**257**	
Magnesium	7439-95-4	~	~	~	~	~	3,410		6,130		3,300		4,070		6,980		3,850		2,850		3,480	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	206		162		200		199		188		229		146		225	
Nickel	7440-02-0	30	87	320	320	5,900	**42.500**		19.500		26.500		21.500		20.100		**44**		21.200		**33.400**	
Potassium	7440-09-7	~	~	~	~	~	1,000		574		971		933		701		1,450		636		1,130	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.320	U	2.260	U	2.310	U	2.290	U	2.350	U	2.270	U	2.680	U	2.280	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.519		0.455	U	0.465	U	0.467		1.060		0.458	U	0.540	U	0.460	U
Sodium	7440-23-5	~	~	~	~	~	202		145		153		159		183		120		159		183	
Thallium	7440-28-0	~	~	~	~	~	1.860	U	1.810	U	1.850	U	1.830	U	1.880	U	1.820	U	2.150	U	1.830	U
Vanadium	7440-62-2	~	~	~	~	~	32.200		48.600		23.100		21.500		20.600		28.700		17.100		36.100	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**422**		**180**		**276**		**274**		**355**		97.800		**292**		**158**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.994**		**0.385**		**0.704**		**0.452**		**1.380**		**0.381**		**0.980**		**0.624**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.565	U	0.551	U	0.573	U	0.567	U	0.583	U	0.545	U	0.632	U	0.557	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.567	U	0.551	U	0.573	U	0.565	U	0.583	U	0.545	U	0.632	U	0.557	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	22.2		22		22.2		22.2		22.2		22.3		20.8		21	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	87		89		87		88		87		92		74		90	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	88.5	B	90.8	B	87.3	B	88.1	B	85.8	B	91.7	B	79.1	B	89.8	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil		HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							5		10		10		5		1		1		1		1	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.0385	U	0.0418	J	0.0389	U	0.0389	U	0.0420	U	0.0380	U	0.0389	U	0.0387	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0315	U	0.0322	U	0.0318	U	0.0318	U	0.0343	U	0.0311	U	0.0318	U	0.0316	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0342	U	0.0349	U	0.0345	U	0.0345	U	0.0373	U	0.0338	U	0.0345	U	0.0343	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0294	U	0.0301	U	0.0297	U	0.0297	U	0.0321	U	0.0291	U	0.0297	U	0.0296	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0296	U	0.0303	U	0.0300	U	0.0299	U	0.0323	U	0.0293	U	0.0299	U	0.0298	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0344	U	0.0351	U	0.0348	U	0.0347	U	0.0375	U	0.0340	U	0.0347	U	0.0345	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0283	U	0.0289	U	0.0286	U	0.0286	U	0.0309	U	0.0280	U	0.0286	U	0.0284	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0445	U	0.0455	U	0.0450	U	0.0449	U	0.0485	U	0.0440	U	0.0450	U	0.0447	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0441	U	0.0451	U	0.0446	U	0.0446	U	0.0481	U	0.0436	U	0.0446	U	0.0443	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0285	U	0.0291	U	0.0288	U	0.0288	U	0.0311	U	0.0282	U	0.0288	U	0.0286	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0325	U	0.0331	U	0.0328	U	0.0328	U	0.0354	U	0.0321	U	0.0328	U	0.0326	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0404	U	0.0412	U	0.0408	U	0.0407	U	0.0440	U	0.0399	U	0.0408	U	0.0405	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0363	U	0.0370	U	0.0366	U	0.0366	U	0.0395	U	0.0358	U	0.0366	U	0.0364	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0353	U	0.0360	U	0.0356	U	0.0356	U	0.0385	U	0.0349	U	0.0356	U	0.0354	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0387	U	0.0395	U	0.0391	U	0.0390	U	0.0422	U	0.0382	U	0.0391	U	0.0388	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0309	U	0.0316	U	0.0312	U	0.0312	U	0.0337	U	0.0305	U	0.0312	U	0.0310	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0277	U	0.0283	U	0.0280	U	0.0280	U	0.0302	U	0.0274	U	0.0280	U	0.0278	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0439	J	0.157		0.0943		0.0293	J	0.0311	U	0.0281	U	0.0288	U	0.0286	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0296	U	0.0302	U	0.0299	U	0.0299	U	0.0323	U	0.0292	U	0.0299	U	0.0297	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0262	U	0.0268	U	0.0265	U	0.0265	U	0.0286	U	0.0259	U	0.0265	U	0.0264	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0414	U	0.0423	U	0.0419	U	0.0418	U	0.0452	U	0.0409	U	0.0419	U	0.0416	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0291	U	0.0297	U	0.0294	U	0.0293	U	0.0317	U	0.0287	U	0.0294	U	0.0292	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0285	U	0.0291	U	0.0288	U	0.0288	U	0.0311	U	0.0282	U	0.0288	U	0.0286	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0353	U	0.0360	U	0.0356	U	0.0356	U	0.0385	U	0.0349	U	0.0356	U	0.0354	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0486	U	0.0496	U	0.0491	U	0.0490	U	0.0529	U	0.0480	U	0.0491	U	0.0488	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0384	U	0.0392	U	0.0388	U	0.0387	U	0.0418	U	0.0379	U	0.0388	U	0.0385	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0308	U	0.0314	U	0.0311	U	0.0311	U	0.0336	U	0.0304	U	0.0311	U	0.0309	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0292	U	0.0298	U	0.0295	U	0.0295	U	0.0318	U	0.0289	U	0.0295	U	0.0293	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0386	U	0.0394	U	0.0390	U	0.0390	U	0.0421	U	0.0382	U	0.0390	U	0.0388	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0333	U	0.0340	U	0.0336	U	0.0336	U	0.0363	U	0.0329	U	0.0336	U	0.0334	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0549	U	0.0560	U	0.0555	U	0.0554	U	0.0598	U	0.0542	U	0.0554	U	0.0551	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.355		0.897		0.434		0.233		0.0523	J	0.0340	U	0.0522	J	0.0346	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.226		0.379		0.191		0.0683	J	0.0324	U	0.0294	U	0.0300	U	0.0399	J
Acetophenone	98-86-2	~	~	~	~	~	0.0285	U	0.0291	U	0.0288	U	0.0287	U	0.0310	U	0.0281	U	0.0288	U	0.0286	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0404	U	0.0413	U	0.0408	U	0.0408	U	0.0441	U	0.0399	U	0.0408	U	0.0406	U
Anthracene	120-12-7	100	100	100	500	1,000	0.721		2.350	D	1.040		0.468		0.103		0.0459	J	0.125		0.0903	J
Atrazine	1912-24-9	~	~	~	~	~	0.0332	U	0.0339	U	0.0336	U	0.0335	U	0.0362	U	0.0328	U	0.0336	U	0.0334	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0338	U	0.0345	U	0.0341	U	0.0341	U	0.0368	U	0.0334	U	0.0341	U	0.0339	U
Benzidine	92-87-5	~	~	~	~	~	0.0112	U	0.0115	U	0.0113	U	0.0113	U	0.0122	U	0.0111	U	0.0113	U	0.0113	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	**1.930**	D	**6.410**	D	**2.810**	D	**1.590**	E	0.360		0.240		0.405		0.366	
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	**2.140**	D	**6.500**	D	**3**	D	**1.850**	E	0.388		0.292		0.455		0.420	
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	**1.810**	D	**5.230**	D	**2.820**	D	**1.670**	E	0.329		0.264		0.383		0.378	
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	**1.070**		**3**	D	**1.780**	D	**0.979**		0.229		0.169		0.242		0.235	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	**1.420**		**3.610**	D	**2.010**	D	**1.160**		0.269		0.184		0.277		0.281	
Benzoic acid	65-85-0	~	~	~	~	~	0.0391	U	0.0399	U	0.0395	U	0.0394	U	0.0426	U	0.0386	U	0.0395	U	0.0392	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0288	U	0.0294	U	0.0291	U	0.0291	U	0.0314	U	0.0285	U	0.0291	U	0.0290	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0406	U	0.0414	U	0.0410	U	0.0409	U	0.0442	U	0.0401	U	1.800		0.0407	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0290	U	0.0296	U	0.0293	U	0.0292	U	0.0316	U	0.0286	U	0.0293	U	0.0291	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0216	U	0.0221	U	0.0218	U	0.0218	U	0.0235	U	0.0213	U	0.0218	U	0.0217	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0412	U	0.0421	U	0.0416	U	0.0416	U	0.0449	U	0.0407	U	0.0416	U	0.0414	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.542		0.0410	U	0.0406	U	0.0405	U	0.0438	U	0.0397	U	0.0405	U	0.0403	U
Caprolactam	105-60-2	~	~	~	~	~	0.0453	U	0.0463	U	0.0458	U	0.0457	U	0.0494	U	0.0448	U	0.0458	U	0.0455	U
Carbazole	86-74-8	~	~	~	~	~	0.169		0.288		0.381		0.195		0.0417	J	0.0306	U	0.0515	J	0.0358	J
Chrysene	218-01-9	1	1.2	4.9	47	78	**1.760**	D	**5.650**	D	**2.580**	D	**1.480**		0.325		0.224		0.371		0.345	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.118		**0.359**		0.193		0.0975		0.0304	U	0.0275	U	0.0282	U	0.0280	U
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.167		0.360		0.270		0.0844	J	0.0335	U	0.0304	U	0.0311	U	0.0309	U
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0354	U	0.0361	U	0.0358	U	0.0357	U	0.0386	U	0.0350	U	0.0358	U	0.0355	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0318	U	0.0325	U	0.0321	U	0.0321	U	0.0347	U	0.0314	U	0.0321	U	0.0319	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil		HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							5		10		10		5		1		1		1		1	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0391	U	0.0399	U	0.0395	U	0.0395	U	0.143		0.0386	U	0.284		0.0393	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.118		0.0304	U	0.0301	U	0.0300	U	0.0324	U	0.0294	U	0.0300	U	0.0299	U
Fluoranthene	206-44-0	85	100	100	500	1,000	4.240	D	13.100	D	5.960	D	3.300	D	0.749		0.391		0.795		0.680	
Fluorene	86-73-7	30	100	100	500	1,000	0.368		1.030		0.364		0.152		0.0385	J	0.0347	U	0.0488	J	0.0353	U
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0377	U	0.0385	U	0.0381	U	0.0380	U	0.0411	U	0.0372	U	0.0380	U	0.0378	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0311	U	0.0318	U	0.0314	U	0.0314	U	0.0339	U	0.0307	U	0.0314	U	0.0312	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0468	U	0.0477	U	0.0472	U	0.0472	U	0.0510	U	0.0462	U	0.0472	U	0.0470	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0360	U	0.0368	U	0.0364	U	0.0364	U	0.0393	U	0.0356	U	0.0364	U	0.0362	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	**1.150**		**2.960**	D	**1.690**	D	**0.978**		0.222		0.168		0.230		0.230	
Isophorone	78-59-1	~	~	~	~	~	0.0311	U	0.0318	U	0.0315	U	0.0314	U	0.0340	U	0.0308	U	0.0315	U	0.0313	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0413	J	0.0968		0.121		0.0405	J	0.0354	U	0.0321	U	0.0328	U	0.0326	U
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0314	U	0.0321	U	0.0317	U	0.0317	U	0.0342	U	0.0310	U	0.0317	U	0.0315	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0405	U	0.0413	U	0.0409	U	0.0409	U	0.0441	U	0.0400	U	0.0409	U	0.0407	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0303	U	0.0310	U	0.0306	U	0.0306	U	0.0331	U	0.0300	U	0.0306	U	0.0305	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0374	U	0.0382	U	0.0378	U	0.0378	U	0.0408	U	0.0370	U	0.0378	U	0.0376	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0414	U	0.0423	U	0.0418	U	0.0418	U	0.0451	U	0.0409	U	0.0418	U	0.0416	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	**1.750**	D	**7.100**	D	**3.130**	D	**1.720**	E	0.366		0.165		0.465		0.329	
Phenol	108-95-2	0.33	100	100	500	1,000	0.0392	U	0.0401	U	0.0396	U	0.0396	U	0.0428	U	0.0388	U	0.0396	U	0.0394	U
Pyrene	129-00-0	64	100	100	500	1,000	3.670	D	11.900	D	4.810	D	2.570	D	0.670		0.350		0.711		0.598	
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	NT		NT		NT		NT		NT		NT		**0.00995**	D	**0.00863**	D
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33	**0.0416**	D	**0.0214**	D	**0.0351**	D	**0.0197**	D	**0.0216**	D	**0.00552**	D	NT		NT	
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	**0.0126**	DP	**0.00932**	D	**0.0111**	DP	**0.00841**	D	**0.00621**	D	NT		0.00279	D	**0.00344**	DP
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		NT		0.00184	U	NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	**0.00495**	DP	**0.00525**	DP	**0.00467**	DP	**0.00489**	DP	0.00405	U	0.00367	U	0.00376	U	**0.00427**	D
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00186	U	0.00190	U	0.00188	U	0.00188	U	0.00203	U	0.00184	U	0.00188	U	0.00187	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00558	U	0.00569	U	0.00563	U	0.00563	U	0.00608	U	0.00551	U	0.00563	U	0.00560	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	**0.0263**	D	NT		**0.0210**	D	**0.0158**	D	0.00759	D	NT		0.00376	U	NT	
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		0.0118	DP	NT		NT		NT		0.00444	DP	NT		0.00373	U
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00836	U	0.00854	U	0.00845	U	0.00844	U	0.00912	U	0.00826	U	0.00845	U	0.00840	U
Chlordane, total	57-74-9	~	~	~	~	~																
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00558	U	0.00569	U	0.00563	U	0.00563	U	0.00608	U	0.00551	U	0.00563	U	0.00560	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00186	U	0.00190	U	0.00188	U	0.00188	U	0.00203	U	0.00184	U	0.00188	U	0.00187	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endrin aldehyde	7421-93-4	~	~	~	~	~																
Endrin ketone	53494-70-5	~	~	~	~	~																
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
gamma-Chlordane	5566-34-7	~	~	~	~	~																
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~																
Methoxychlor	72-43-5	~	~	~	~	~																
Toxaphene	8001-35-2	~	~	~	~	~																
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0650		0.0385		0.0575		0.0382		0.0431		0.0184	U	0.0188	U	0.0187	U
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0861		0.0530		0.0551		0.0672		0.0445		0.0254		0.0188	U	0.0187	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0219		0.0271	
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0272		0.0184	U	0.0188	U	0.0245	
Total PCBs	1336-36-3	0.1	1	1	1	25	**0.151**		0.0915		**0.113**		**0.105**		**0.115**		0.0254		0.0219		0.0516	

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil		HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	9,140		11,300		7,920		8,370		6,560		7,100		6,110		7,590	
Antimony	7440-36-0	~	~	~	~	~	2.300	U	2.350	U	2.360	U	2.360	U	2.550	U	2.310	U	2.360	U	2.310	U
Arsenic	7440-38-2	13	16	16	16	16	6.630		10.500		5.450		7.140		6.440		3.800		8.290		5.720	
Barium	7440-39-3	410	410	410	410	10,000	217		162		149		167		233		71.700		340		315	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.229		0.200		0.228		0.293		0.270		0.220		0.351		0.249	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.469		0.348		0.388		0.557		0.806		0.277	U	1.110		0.665	
Calcium	7440-70-2	~	~	~	~	~	40,000		10,200		11,100		13,600		7,240		3,300		10,000		4,350	
Chromium	7440-47-3	~	~	~	~	~	19.300		42.600		15.900		19.600		18		16		28.800		20.100	
Cobalt	7440-48-4	~	~	~	~	~	5.800		9.380		5.910		20.500		5.410		7.060		68.600		6.270	
Copper	7440-50-8	50	280	280	280	10,000	39.600		35.400		35.400		**66.700**		**82.700**		24.800		**194**		**69.100**	
Iron	7439-89-6	~	~	~	~	~	20,000		20,900		14,300		18,800		15,800		13,000		22,200		17,400	
Lead	7439-92-1	63	400	400	1,000	3,900	**347**		**235**		**284**		**308**		**410**		**93.700**		**377**		**266**	
Magnesium	7439-95-4	~	~	~	~	~	4,400		6,190		3,280		4,750		2,150		3,180		2,860		3,080	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	298		377		205		259		190		266		169		214	
Nickel	7440-02-0	30	87	320	320	5,900	23.200		**43.100**		26.300		29.900		24.100		**44.200**		21.300		**52**	
Potassium	7440-09-7	~	~	~	~	~	1,070		2,860		1,090		1,040		883		1,090		758		981	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.300	U	2.350	U	2.360	U	2.360	U	2.550	U	2.310	U	2.360	U	2.310	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.464	U	0.474	U	0.476	U	0.476	U	0.694		0.466	U	0.832		0.582	
Sodium	7440-23-5	~	~	~	~	~	247		183		156		215		226		125		208		176	
Thallium	7440-28-0	~	~	~	~	~	1.840	U	1.880	U	1.890	U	1.890	U	2.040	U	1.850	U	1.890	U	1.850	U
Vanadium	7440-62-2	~	~	~	~	~	24.400		41.600		25		29.400		33		22.500		23.600		30.200	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**181**		**198**		**156**		**285**		**267**		73.300		**656**		**226**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.849**		**0.826**		**1.090**		**0.563**		**1.080**		**0.585**		**0.853**		**0.732**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.561	U	0.573	U	0.567	U	0.567	U	0.612	U	0.555	U	0.567	U	0.564	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.561	U	0.573	U	0.567	U	0.567	U	0.612	U	0.555	U	0.567	U	0.564	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	21.1		21.5		21.6		21.5		21.7		21.8		21.8		22.3	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	%NX - PCTSOLI	~	~	~	~	~	86		81		88		87		85		92		87		90	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	89.1	B	87.2	B	88.2	B	88.3	B	81.7	B	90.2	B	88.2	B	88.7	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							50		1		1		1		1		1		2		10	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.424		0.0373	U	0.0400	U	0.0367	U	0.0383	U	0.0395	U	0.0381	U	0.0377	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0322	U	0.0305	U	0.0328	U	0.0300	U	0.0313	U	0.0323	U	0.0311	U	0.0308	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0349	U	0.0331	U	0.0355	U	0.0325	U	0.0340	U	0.0351	U	0.0338	U	0.0335	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0301	U	0.0285	U	0.0306	U	0.0280	U	0.0293	U	0.0302	U	0.0291	U	0.0288	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0303	U	0.0287	U	0.0308	U	0.0282	U	0.0295	U	0.0304	U	0.0293	U	0.0290	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0351	U	0.0333	U	0.0358	U	0.0327	U	0.0342	U	0.0353	U	0.0340	U	0.0337	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0289	U	0.0274	U	0.0295	U	0.0270	U	0.0282	U	0.0291	U	0.0280	U	0.0277	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0455	U	0.0431	U	0.0463	U	0.0424	U	0.0443	U	0.0457	U	0.0440	U	0.0436	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0451	U	0.0427	U	0.0459	U	0.0420	U	0.0439	U	0.0453	U	0.0436	U	0.0432	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0291	U	0.0276	U	0.0297	U	0.0272	U	0.0284	U	0.0293	U	0.0282	U	0.0279	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0332	U	0.0314	U	0.0338	U	0.0309	U	0.0323	U	0.0333	U	0.0321	U	0.0318	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0412	U	0.0391	U	0.0420	U	0.0384	U	0.0401	U	0.0414	U	0.0399	U	0.0395	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0370	U	0.0351	U	0.0377	U	0.0345	U	0.0361	U	0.0372	U	0.0358	U	0.0355	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0360	U	0.0341	U	0.0367	U	0.0336	U	0.0351	U	0.0362	U	0.0349	U	0.0345	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0395	U	0.0374	U	0.0402	U	0.0368	U	0.0385	U	0.0397	U	0.0382	U	0.0379	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0316	U	0.0299	U	0.0321	U	0.0294	U	0.0307	U	0.0317	U	0.0305	U	0.0303	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0283	U	0.0268	U	0.0288	U	0.0264	U	0.0276	U	0.0285	U	0.0274	U	0.0271	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	3	D	0.0389	J	0.0296	U	0.0271	U	0.0283	U	0.0292	U	0.0281	U	0.0451	J
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0302	U	0.0286	U	0.0308	U	0.0282	U	0.0294	U	0.0304	U	0.0292	U	0.0290	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0268	U	0.0254	U	0.0273	U	0.0250	U	0.0261	U	0.0270	U	0.0259	U	0.0257	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0423	U	0.0401	U	0.0431	U	0.0394	U	0.0412	U	0.0425	U	0.0410	U	0.0406	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0297	U	0.0281	U	0.0302	U	0.0277	U	0.0289	U	0.0298	U	0.0287	U	0.0285	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.208		0.0276	U	0.0296	U	0.0271	U	0.0283	U	0.0293	U	0.0282	U	0.0279	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0360	U	0.0341	U	0.0367	U	0.0336	U	0.0351	U	0.0362	U	0.0349	U	0.0345	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0496	U	0.0470	U	0.0505	U	0.0462	U	0.0483	U	0.0499	U	0.0480	U	0.0475	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0392	U	0.0371	U	0.0399	U	0.0365	U	0.0381	U	0.0394	U	0.0379	U	0.0376	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0314	U	0.0298	U	0.0320	U	0.0293	U	0.0306	U	0.0316	U	0.0304	U	0.0301	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0298	U	0.0283	U	0.0304	U	0.0278	U	0.0290	U	0.0300	U	0.0289	U	0.0286	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0395	U	0.0374	U	0.0402	U	0.0368	U	0.0384	U	0.0397	U	0.0382	U	0.0378	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0340	U	0.0322	U	0.0346	U	0.0317	U	0.0331	U	0.0342	U	0.0329	U	0.0326	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0561	U	0.0531	U	0.0571	U	0.0522	U	0.0546	U	0.0563	U	0.0542	U	0.0537	U
Acenaphthene	83-32-9	20	100	100	500	1,000	2.450	D	0.0831	J	0.0506	J	0.0328	U	0.0724	J	0.0420	J	0.101		0.257	
Acenaphthylene	208-96-8	100	100	100	500	1,000	1.010		0.0414	J	0.0483	J	0.0283	U	0.0340	J	0.0305	U	0.0511	J	0.110	
Acetophenone	98-86-2	~	~	~	~	~	0.0291	U	0.0275	U	0.0296	U	0.0271	U	0.0283	U	0.0292	U	0.0281	U	0.0279	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0413	U	0.0391	U	0.0420	U	0.0385	U	0.0402	U	0.0415	U	0.0399	U	0.0396	U
Anthracene	120-12-7	100	100	100	500	1,000	8.200	D	0.197		0.122		0.0296	U	0.195		0.0950	J	0.246		0.761	
Atrazine	1912-24-9	~	~	~	~	~	0.0339	U	0.0321	U	0.0345	U	0.0316	U	0.0330	U	0.0341	U	0.0328	U	0.0325	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0345	U	0.0327	U	0.0351	U	0.0322	U	0.0336	U	0.0347	U	0.0334	U	0.0331	U
Benzidine	92-87-5	~	~	~	~	~	0.0115	U	0.0109	U	0.0117	U	0.0107	U	0.0112	U	0.0115	U	0.0111	U	0.0110	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	**9.660**	D	0.560		0.444		0.0782	J	0.604		0.379		0.883		**2.020**	D
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	**8.280**	D	0.622		0.558		0.104		0.611		0.389		0.946		**2.060**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	**6.460**	D	0.534		0.479		0.0860	J	0.517		0.337		0.820		**1.770**	E
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	**3.720**	D	0.323		0.297		0.0566	J	0.282		0.205		0.434		0.632	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	**5.040**	D	0.429		0.372		0.0669	J	0.404		0.267		0.580		**0.910**	
Benzoic acid	65-85-0	~	~	~	~	~	0.0399	U	0.0378	U	0.0406	U	0.0372	U	0.0388	U	0.0401	U	0.0386	U	0.0383	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0294	U	0.0279	U	0.0300	U	0.0274	U	0.0287	U	0.0296	U	0.0285	U	0.0282	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0414	U	0.0393	U	0.0422	U	0.0386	U	0.0403	U	0.0416	U	0.0401	U	11.900	D
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0296	U	0.0280	U	0.0301	U	0.0276	U	0.0288	U	0.0297	U	0.0286	U	0.0284	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0221	U	0.0209	U	0.0225	U	0.0206	U	0.0215	U	0.0222	U	0.0213	U	0.0212	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0421	U	0.0399	U	0.0428	U	0.0392	U	0.0410	U	0.0423	U	0.0407	U	0.0404	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0410	U	0.0388	U	0.0417	U	0.0382	U	0.0399	U	0.0412	U	0.0397	U	0.843	
Caprolactam	105-60-2	~	~	~	~	~	0.0463	U	0.0438	U	0.0471	U	0.0431	U	0.0450	U	0.0465	U	0.0448	U	0.0444	U
Carbazole	86-74-8	~	~	~	~	~	2.010	D	0.0943		0.0584	J	0.0294	U	0.0835	J	0.0424	J	0.112		0.130	
Chrysene	218-01-9	1	1.2	4.9	47	78	**8.640**	D	0.542		0.422		0.0757	J	0.513		0.352		0.763		**1.710**	E
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.315		0.0331	J	0.0336	J	0.0265	U	0.0303	J	0.0286	U	0.0481	J	0.0724	J
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	**2.790**	D	0.0543	J	0.0320	U	0.0293	U	0.0388	J	0.0316	U	0.0525	J	0.126	
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0362	U	0.0343	U	0.0368	U	0.0337	U	0.0352	U	0.0363	U	0.0350	U	0.0347	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0325	U	0.0308	U	0.0331	U	0.0303	U	0.0316	U	0.0326	U	0.0314	U	0.0311	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							50		1		1		1		1		1		2		10	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0400	U	0.0379	U	0.0407	U	0.0372	U	0.0389	U	0.0402	U	0.0386	U	0.0513	J
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0304	U	0.0288	U	0.0309	U	0.0283	U	0.0296	U	0.0305	U	0.0294	U	0.487	
Fluoranthene	206-44-0	85	100	100	500	1,000	26.400	D	1.340		0.940		0.143		1.330		0.790		1.960	D	4.640	D
Fluorene	86-73-7	30	100	100	500	1,000	6.100	D	0.0853	J	0.0472	J	0.0334	U	0.0688	J	0.0378	J	0.0753	J	0.224	
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0385	U	0.0365	U	0.0392	U	0.0358	U	0.0374	U	0.0387	U	0.0372	U	0.0369	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0318	U	0.0301	U	0.0323	U	0.0296	U	0.0309	U	0.0319	U	0.0307	U	0.0305	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0478	U	0.0453	U	0.0486	U	0.0445	U	0.0465	U	0.0480	U	0.0462	U	0.0458	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0368	U	0.0349	U	0.0375	U	0.0343	U	0.0358	U	0.0370	U	0.0356	U	0.0353	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	**3.580**	D	0.326		0.302		0.0555	J	0.296		0.202		0.467		**0.672**	
Isophorone	78-59-1	~	~	~	~	~	0.0318	U	0.0301	U	0.0324	U	0.0296	U	0.0310	U	0.0320	U	0.0308	U	0.0305	U
Naphthalene	91-20-3	12	84	100	500	1,000	3.570	D	0.0601	J	0.0375	J	0.0309	U	0.0323	U	0.0333	U	0.0478	J	0.0342	J
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0321	U	0.0304	U	0.0326	U	0.0299	U	0.0312	U	0.0322	U	0.0310	U	0.0307	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0414	U	0.0392	U	0.0421	U	0.0385	U	0.0403	U	0.0416	U	0.0400	U	0.0397	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0310	U	0.0293	U	0.0315	U	0.0289	U	0.0302	U	0.0311	U	0.0300	U	0.0297	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0383	U	0.0362	U	0.0389	U	0.0356	U	0.0372	U	0.0384	U	0.0370	U	0.0367	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0423	U	0.0401	U	0.0430	U	0.0394	U	0.0412	U	0.0425	U	0.0409	U	0.0405	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	**43**	D	1.100		0.574		0.0651	J	0.788		0.410		0.900		**2.660**	D
Phenol	108-95-2	0.33	100	100	500	1,000	0.0401	U	0.0380	U	0.0408	U	0.0373	U	0.0390	U	0.0403	U	0.0388	U	0.0384	U
Pyrene	129-00-0	64	100	100	500	1,000	22	D	1.090		0.752		0.128		1.010		0.673		1.440		3.930	D
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	**0.0121**	D	0.00360	U	**0.00681**	D	0.00354	U	NT		**0.0121**	D	**0.0185**	D	**0.00456**	D
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33	NT		NT		NT		NT		**0.00525**	DP	NT		NT		NT	
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	**0.00582**	DP	0.00180	U	0.00238	DP	0.00177	U	NT		**0.00498**	DP	**0.00640**	D	0.00231	D
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		0.00185	U	NT		NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	**0.00480**	D	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	**0.00453**	DP	0.00365	U
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00190	U	0.00180	U	0.00193	U	0.00177	U	0.00185	U	0.00191	U	0.00184	U	0.00183	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00570	U	0.00540	U	0.00580	U	0.00531	U	0.00554	U	0.00572	U	0.00551	U	0.00548	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	0.00709	D	0.00360	U	0.00387	U	0.00354	U	NT		0.00755	D	0.0105	D	0.00365	U
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		NT		NT		NT		0.00370	U	NT		NT		NT	
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00854	U	0.00810	U	0.00870	U	0.00796	U	0.00832	U	0.00859	U	0.00826	U	0.00822	U
Chlordane, total	57-74-9	~	~	~	~	~																
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00570	U	0.00540	U	0.00580	U	0.00531	U	0.00554	U	0.00572	U	0.00551	U	0.00548	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00190	U	0.00180	U	0.00193	U	0.00177	U	0.00185	U	0.00191	U	0.00184	U	0.00183	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endrin aldehyde	7421-93-4	~	~	~	~	~																
Endrin ketone	53494-70-5	~	~	~	~	~																
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
gamma-Chlordane	5566-34-7	~	~	~	~	~																
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~																
Methoxychlor	72-43-5	~	~	~	~	~																
Toxaphene	8001-35-2	~	~	~	~	~																
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.141	
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0248		0.0367		0.0391		0.0183	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0463		0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0363		0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Total PCBs	1336-36-3	0.1	1	1	1	25	0.0826		0.0299		0.0193	U	0.0177	U	0.0248		0.0367		0.0391		**0.141**	

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name / Sample ID / Sampling Date / Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	6,000		4,280		4,140		2,840		6,920		6,330		7,540		4,270	
Antimony	7440-36-0	~	~	~	~	~	2.430	U	2.190	U	2.430	U	2.230	U	2.250	U	2.320	U	2.310	U	2.290	U
Arsenic	7440-38-2	13	16	16	16	16	6.070		3.260		3.930		2.120		4.550		5.780		4.690		3.120	
Barium	7440-39-3	410	410	410	410	10,000	196		93.500		172		49		82.300		189		118		93.200	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.192		0.117		0.188		0.0450	U	3.010		0.245		0.212		0.130	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.778		0.727		0.506		0.267	U	0.639		0.799		0.425		0.330	
Calcium	7440-70-2	~	~	~	~	~	8,140		1,870		2,440		1,500		8,350		11,500		12,300		18,500	
Chromium	7440-47-3	~	~	~	~	~	18.200		32.200		16.300		8.440		17.300		19.800		18		11.100	
Cobalt	7440-48-4	~	~	~	~	~	5.340		5.140		4.530		2.480		7.890		5.920		6.900		3.680	
Copper	7440-50-8	50	280	280	280	10,000	**74.200**		49.100		**71**		19.700		31.900		**63.900**		35.500		32.200	
Iron	7439-89-6	~	~	~	~	~	18,000		9,790		10,500		6,670		13,100		13,500		12,900		8,770	
Lead	7439-92-1	63	400	400	1,000	3,900	**402**		**146**		**263**		**123**		**117**		**264**		**180**		**142**	
Magnesium	7439-95-4	~	~	~	~	~	2,660		1,780		1,700		1,160		3,060		3,670		3,500		9,500	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	238		145		123		76.500		392		199		415		137	
Nickel	7440-02-0	30	87	320	320	5,900	23.700		**77.300**		20.600		8.810		**44.400**		**34.100**		**35.500**		17.700	
Potassium	7440-09-7	~	~	~	~	~	788		665		581		656		1,110		886		1,190		593	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.430	U	2.190	U	2.430	U	2.230	U	2.250	U	2.320	U	2.310	U	2.290	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.593		0.442	U	0.490	U	0.449	U	0.454	U	0.521		0.466	U	0.462	U
Sodium	7440-23-5	~	~	~	~	~	187		102		96.100		72.100		121		137		133		108	
Thallium	7440-28-0	~	~	~	~	~	1.950	U	1.760	U	1.950	U	1.780	U	1.800	U	1.860	U	1.850	U	1.840	U
Vanadium	7440-62-2	~	~	~	~	~	21.700		15.600		16.900		14		24.300		24.300		36.700		15.600	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**243**		**122**		**248**		57.500		**128**		**238**		**136**		**112**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.569**		**0.376**		**0.434**		0.0935		**1.400**		**1.120**		**2.700**		**0.618**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.573	U	0.543	U	0.584	U	0.534	U	0.558	U	0.576	U	0.555	U	0.550	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.573	U	0.543	U	0.584	U	0.534	U	0.558	U	0.576	U	0.555	U	0.550	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	22.2		22		22.2		22.1		22.4		22.4		22.3		21.9	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	87		91		91		94		90		84		90		91	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	87.2	B	92	B	85.7	B	93.6	B	89.6	B	86.8	B	90.1	B	91	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-24-CS-41 26H0685-51 8/12/2026 2:05:00 PM Soil		HD161DPL GSI TP-24-CS-42 26H0685-53 8/12/2026 2:15:00 PM Soil		HD161DPL GSI TP-23-C2-43 26H0771-01 8/13/2026 7:50:00 AM Soil		HD161DPL GSI TP-23-CS-44 26H0771-03 8/13/2026 8:00:00 AM Soil		HD161DPL GSI TP-22-CS-45 26H0771-05 8/13/2026 12:40:00 PM Soil		HD161DPL GSI TP-28-CS-46 26H0771-07 8/13/2026 9:00:00 AM Soil		HD161DPL GSI TP-28-CS-47 26H0771-09 8/13/2026 9:15:00 AM Soil		HD161DPL GSI TP-29-CS-48 26H0771-11 8/13/2026 9:45:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							5		5		1		5		5		5		1		1	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.0399	U	0.0387	U	0.0374	U	0.0386	U	0.0356	U	0.0375	U	0.0380	U	0.0387	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0326	U	0.0316	U	0.0306	U	0.0316	U	0.0291	U	0.0307	U	0.0311	U	0.0316	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0354	U	0.0343	U	0.0332	U	0.0342	U	0.0316	U	0.0333	U	0.0338	U	0.0343	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0305	U	0.0296	U	0.0286	U	0.0295	U	0.0272	U	0.0287	U	0.0291	U	0.0296	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0307	U	0.0298	U	0.0288	U	0.0297	U	0.0274	U	0.0289	U	0.0293	U	0.0298	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0356	U	0.0345	U	0.0334	U	0.0345	U	0.0318	U	0.0335	U	0.0340	U	0.0345	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0293	U	0.0284	U	0.0275	U	0.0284	U	0.0262	U	0.0276	U	0.0280	U	0.0284	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0461	U	0.0447	U	0.0432	U	0.0446	U	0.0412	U	0.0434	U	0.0440	U	0.0447	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0457	U	0.0443	U	0.0428	U	0.0442	U	0.0408	U	0.0430	U	0.0436	U	0.0443	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0295	U	0.0286	U	0.0277	U	0.0286	U	0.0264	U	0.0278	U	0.0282	U	0.0286	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0336	U	0.0326	U	0.0315	U	0.0325	U	0.0300	U	0.0316	U	0.0321	U	0.0326	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0418	U	0.0405	U	0.0392	U	0.0404	U	0.0373	U	0.0393	U	0.0399	U	0.0405	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0375	U	0.0364	U	0.0352	U	0.0363	U	0.0335	U	0.0353	U	0.0358	U	0.0364	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0365	U	0.0354	U	0.0342	U	0.0354	U	0.0326	U	0.0344	U	0.0348	U	0.0354	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0400	U	0.0388	U	0.0375	U	0.0388	U	0.0358	U	0.0377	U	0.0382	U	0.0388	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0320	U	0.0310	U	0.0300	U	0.0310	U	0.0286	U	0.0301	U	0.0305	U	0.0310	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0287	U	0.0278	U	0.0269	U	0.0278	U	0.0256	U	0.0270	U	0.0274	U	0.0278	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0295	U	0.0429	J	0.0276	U	0.0387	J	0.0845	J	0.0277	U	0.0281	U	0.0286	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0306	U	0.0297	U	0.0287	U	0.0297	U	0.0274	U	0.0288	U	0.0292	U	0.0297	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0272	U	0.0264	U	0.0255	U	0.0263	U	0.0243	U	0.0256	U	0.0259	U	0.0264	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0429	U	0.0416	U	0.0402	U	0.0415	U	0.0383	U	0.0404	U	0.0409	U	0.0416	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0301	U	0.0292	U	0.0282	U	0.0291	U	0.0269	U	0.0283	U	0.0287	U	0.0292	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0295	U	0.0286	U	0.0277	U	0.0286	U	0.0264	U	0.0278	U	0.0282	U	0.0286	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0365	U	0.0354	U	0.0342	U	0.0354	U	0.0326	U	0.0344	U	0.0348	U	0.0354	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0503	U	0.0487	U	0.0471	U	0.0487	U	0.0449	U	0.0473	U	0.0480	U	0.0487	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0397	U	0.0385	U	0.0372	U	0.0384	U	0.0355	U	0.0374	U	0.0379	U	0.0385	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0319	U	0.0309	U	0.0299	U	0.0308	U	0.0285	U	0.0300	U	0.0304	U	0.0309	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0302	U	0.0293	U	0.0283	U	0.0293	U	0.0270	U	0.0284	U	0.0289	U	0.0293	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0400	U	0.0388	U	0.0375	U	0.0387	U	0.0357	U	0.0376	U	0.0381	U	0.0388	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0345	U	0.0334	U	0.0323	U	0.0334	U	0.0308	U	0.0324	U	0.0329	U	0.0334	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0568	U	0.0551	U	0.0533	U	0.0550	U	0.0507	U	0.0535	U	0.0542	U	0.0551	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.261		0.248		0.0808	J	0.315		0.308		0.0391	J	0.0565	J	0.106	
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.0600	J	0.0993		0.0631	J	0.169		0.0309	J	0.0289	U	0.0293	U	0.0381	J
Acetophenone	98-86-2	~	~	~	~	~	0.0295	U	0.0286	U	0.0276	U	0.0285	U	0.0263	U	0.0277	U	0.0281	U	0.0286	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0418	U	0.0406	U	0.0392	U	0.0405	U	0.0374	U	0.0394	U	0.0399	U	0.0406	U
Anthracene	120-12-7	100	100	100	500	1,000	0.455		0.542		0.240		0.814		0.851		0.0883	J	0.117		0.225	
Atrazine	1912-24-9	~	~	~	~	~	0.0344	U	0.0333	U	0.0322	U	0.0333	U	0.0307	U	0.0323	U	0.0328	U	0.0333	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0350	U	0.0339	U	0.0328	U	0.0339	U	0.0312	U	0.0329	U	0.0334	U	0.0339	U
Benzidine	92-87-5	~	~	~	~	~	0.0116	U	0.0113	U	0.0109	U	0.0113	U	0.0104	U	0.0109	U	0.0111	U	0.0113	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	**1.540**		0.0305	U	0.722		**2.180**	D	**1.130**		0.298		0.308		0.679	
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	**1.630**	E	0.0344	U	0.483		**1.220**		0.779		0.157		0.151		0.338	
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	**1.520**		0.0351	U	0.657		**2.050**	D	0.652		0.217		0.221		0.485	
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	**0.736**		0.0560	J	0.516		**1.030**		0.326		0.116		0.117		0.259	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	**1.040**		0.0345	U	0.569		**1.550**	D	0.664		0.211		0.201		0.431	
Benzoic acid	65-85-0	~	~	~	~	~	0.0404	U	0.0392	U	0.0379	U	0.0392	U	0.0361	U	0.0381	U	0.0386	U	0.0392	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0298	U	0.0289	U	0.0280	U	0.0289	U	0.0266	U	0.0281	U	0.0285	U	0.0289	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0420	U	0.0407	U	0.0394	U	0.0406	U	0.0375	U	0.0395	U	0.0401	U	0.0672	J
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0300	U	0.0291	U	0.0281	U	0.0290	U	0.0268	U	0.0282	U	0.0286	U	0.0291	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0224	U	0.0217	U	0.0210	U	0.0216	U	0.0200	U	0.0210	U	0.0213	U	0.0217	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0427	U	0.0414	U	0.0400	U	0.0413	U	0.0381	U	0.0401	U	0.0407	U	0.0414	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0416	U	0.0403	U	0.0390	U	0.0875	J	0.0467	J	1.880	D	0.0396	U	0.0403	U
Caprolactam	105-60-2	~	~	~	~	~	0.0469	U	0.0455	U	0.0440	U	0.0454	U	0.0419	U	0.0441	U	0.0447	U	0.0455	U
Carbazole	86-74-8	~	~	~	~	~	0.147		0.205		0.0841	J	0.253		0.271		0.0301	U	0.0540	J	0.0817	J
Chrysene	218-01-9	1	1.2	4.9	47	78	**1.390**		0.159		0.750		**1.920**	D	**1.020**		0.278		0.277		0.656	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.0797	J	0.0280	U	0.165		**0.398**		0.131		0.0460	J	0.0466	J	0.0952	
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.106		0.100		0.0455	J	0.114		0.220		0.0299	U	0.0304	U	0.0347	J
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0367	U	0.0355	U	0.0344	U	0.0355	U	0.0327	U	0.0345	U	0.0350	U	0.0355	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0329	U	0.0319	U	0.0309	U	0.0319	U	0.0294	U	0.0310	U	0.0314	U	0.0319	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-24-CS-41 26H0685-51 8/12/2026 2:05:00 PM Soil		HD161DPL GSI TP-24-CS-42 26H0685-53 8/12/2026 2:15:00 PM Soil		HD161DPL GSI TP-23-C2-43 26H0771-01 8/13/2026 7:50:00 AM Soil		HD161DPL GSI TP-23-CS-44 26H0771-03 8/13/2026 8:00:00 AM Soil		HD161DPL GSI TP-22-CS-45 26H0771-05 8/13/2026 12:40:00 PM Soil		HD161DPL GSI TP-28-CS-46 26H0771-07 8/13/2026 9:00:00 AM Soil		HD161DPL GSI TP-28-CS-47 26H0771-09 8/13/2026 9:15:00 AM Soil		HD161DPL GSI TP-29-CS-48 26H0771-11 8/13/2026 9:45:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							5		5		1		5		5		5		1		1	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0405	U	0.0393	U	0.0380	U	0.0392	U	0.0362	U	0.714		0.0386	U	0.0393	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0308	U	0.0299	U	0.0289	U	0.0298	U	0.0275	U	0.0290	U	0.0294	U	0.0299	U
Fluoranthene	206-44-0	85	100	100	500	1,000	3.500	D	0.0300	U	1.290		5.080	D	2.390	D	0.505		0.536		1.180	
Fluorene	86-73-7	30	100	100	500	1,000	0.153		0.171		0.0786	J	0.189		0.366		0.0342	U	0.0415	J	0.0772	J
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0390	U	0.0378	U	0.0365	U	0.0377	U	0.0348	U	0.0367	U	0.0372	U	0.0378	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0322	U	0.0312	U	0.0302	U	0.0312	U	0.0288	U	0.0303	U	0.0307	U	0.0312	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0484	U	0.0469	U	0.0454	U	0.0469	U	0.0432	U	0.0455	U	0.0462	U	0.0469	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0373	U	0.0362	U	0.0350	U	0.0361	U	0.0333	U	0.0351	U	0.0356	U	0.0362	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	**0.806**		0.145		**0.532**		**1.230**		0.380		0.135		0.135		0.289	
Isophorone	78-59-1	~	~	~	~	~	0.0323	U	0.0313	U	0.0302	U	0.0312	U	0.0288	U	0.0303	U	0.0308	U	0.0313	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0354	J	0.0493	J	0.0315	U	0.0325	U	0.0856	J	0.0316	U	0.0321	U	0.0326	U
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0325	U	0.0315	U	0.0305	U	0.0315	U	0.0290	U	0.0306	U	0.0310	U	0.0315	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0419	U	0.0407	U	0.0393	U	0.0406	U	0.0374	U	0.0394	U	0.0400	U	0.0406	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0314	U	0.0304	U	0.0294	U	0.0304	U	0.0280	U	0.0295	U	0.0300	U	0.0304	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0388	U	0.0376	U	0.0363	U	0.0375	U	0.0346	U	0.0365	U	0.0370	U	0.0376	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0429	U	0.0416	U	0.0402	U	0.0415	U	0.0383	U	0.0403	U	0.0409	U	0.0416	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	**1.360**		**1.950**	D	0.774		**2.010**	D	**2.400**	D	0.245		0.400		0.752	
Phenol	108-95-2	0.33	100	100	500	1,000	0.0406	U	0.0394	U	0.0381	U	0.0393	U	0.0363	U	0.0382	U	0.0388	U	0.0394	U
Pyrene	129-00-0	64	100	100	500	1,000	2.720	D	0.0294	U	1.320		3.860	D	1.730	D	0.560		0.583		1.310	
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	**0.0173**	D	**0.0160**	D	NT		0.00365	U	NT		**0.0272**	D	NT		**0.0157**	D
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33	NT		NT		**0.00687**	D	NT		**0.00363**	D	NT		**0.00524**	D	NT	
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	**0.00850**	DP	**0.0186**	D	**0.00365**	DP	0.00183	U	0.00172	U	**0.0149**	D	0.00293	DP	**0.00647**	DP
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	0.00385	U	**0.0126**	DP	**0.00576**	D	0.00365	U	0.00344	U	**0.00595**	DP	**0.00611**	D	**0.00461**	D
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00192	U	0.00187	U	0.00183	U	0.00183	U	0.00172	U	0.00181	U	0.00187	U	0.00190	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00577	U	0.00560	U	0.00548	U	0.00548	U	0.00515	U	0.00543	U	0.00562	U	0.00569	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	**0.0146**	D	**0.0167**	D	0.00505	DP	0.00365	U	0.00617	D	NT		**0.0151**	D	0.00966	D
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		NT		NT		NT		NT		**0.0193**	DP	NT		NT	
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00866	U	0.00840	U	0.00823	U	0.00822	U	0.00773	U	0.00815	U	0.00843	U	0.00854	U
Chlordane, total	57-74-9	~	~	~	~	~					0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00577	U	0.00560	U	0.00548	U	0.00548	U	0.00515	U	0.00543	U	0.00562	U	0.00569	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00192	U	0.00187	U	0.00183	U	0.00183	U	0.00172	U	0.00181	U	0.00187	U	0.00190	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endrin aldehyde	7421-93-4	~	~	~	~	~					0.00548	U	0.00548	U	0.00515	U	0.00543	U	0.00562	U	0.00569	U
Endrin ketone	53494-70-5	~	~	~	~	~					0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
gamma-Chlordane	5566-34-7	~	~	~	~	~					0.00366	U	0.00365	U	0.00347	D	0.0229	D	0.00928	D	0.00699	D
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~					0.00183	U	0.00183	U	0.00172	U	0.00181	U	0.00187	U	0.00190	U
Methoxychlor	72-43-5	~	~	~	~	~					0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Toxaphene	8001-35-2	~	~	~	~	~					0.0914	U	0.0913	U	0.0859	U	0.0905	U	0.0936	U	0.0949	U
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0368		0.0187	U	0.0190	U
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0620		0.509		0.0183	U	0.0183	U	0.0172	U	0.0720	B	0.0202	B	0.0191	B
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Total PCBs	1336-36-3	0.1	1	1	1	25	0.0620		**0.509**		0.0548	U	0.0548	U	0.0515	U	**0.109**		0.0562	U	0.0569	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-24-CS-41 26H0685-51 8/12/2026 2:05:00 PM Soil		HD161DPL GSI TP-24-CS-42 26H0685-53 8/12/2026 2:15:00 PM Soil		HD161DPL GSI TP-23-C2-43 26H0771-01 8/13/2026 7:50:00 AM Soil		HD161DPL GSI TP-23-CS-44 26H0771-03 8/13/2026 8:00:00 AM Soil		HD161DPL GSI TP-22-CS-45 26H0771-05 8/13/2026 12:40:00 PM Soil		HD161DPL GSI TP-28-CS-46 26H0771-07 8/13/2026 9:00:00 AM Soil		HD161DPL GSI TP-28-CS-47 26H0771-09 8/13/2026 9:15:00 AM Soil		HD161DPL GSI TP-29-CS-48 26H0771-11 8/13/2026 9:45:00 AM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	7,430		7,940		8,540		7,750		3,570		6,930		7,220		7,400	
Antimony	7440-36-0	~	~	~	~	~	2.420	U	2.310	U	2.250	U	2.300	U	2.120	U	2.230	U	2.350	U	2.380	U
Arsenic	7440-38-2	13	16	16	16	16	4.640		5.020		6.700		5.120		2.210		3.850		3.950		4.390	
Barium	7440-39-3	410	410	410	410	10,000	137		141		141		131		48.400		86.800		84.800		101	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.237		0.265		0.271		0.241		0.0860		0.210		0.190		0.217	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.407		0.443		0.370		0.450		0.254	U	0.277		0.338		0.343	
Calcium	7440-70-2	~	~	~	~	~	10,900		10,600		11,000		9,850		2,730		13,800		4,090		7,630	
Chromium	7440-47-3	~	~	~	~	~	16.700		17.200		18.800		20.200		8.960		17.200		18.900		17.500	
Cobalt	7440-48-4	~	~	~	~	~	6.190		6.630		7.340		6.220		2.990		7.080		6.900		6.730	
Copper	7440-50-8	50	280	280	280	10,000	42.100		39.700		26.300		43.700		16.100		23.200		29.100		36.600	
Iron	7439-89-6	~	~	~	~	~	14,000		15,300		15,800		13,500		7,590		12,400		12,700		13,200	
Lead	7439-92-1	63	400	400	1,000	3,900	**239**		**231**		**274**		**236**		**72.500**		**145**		**110**		**190**	
Magnesium	7439-95-4	~	~	~	~	~	3,760		3,780		4,730		3,630		1,570		4,290		3,090		2,970	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	269		244		223		194		101		386		228		217	
Nickel	7440-02-0	30	87	320	320	5,900	27.500		29.100		27.800		29		13.400		**39**		**42.700**		**38.100**	
Potassium	7440-09-7	~	~	~	~	~	1,040		1,040		1,090		1,040		533		1,250		1,250		1,130	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.420	U	2.310	U	2.250	U	2.300	U	2.120	U	2.230	U	2.350	U	2.380	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.488	U	0.466	U	0.455	U	0.463	U	0.427	U	0.450	U	0.473	U	0.480	U
Sodium	7440-23-5	~	~	~	~	~	141		145		148		129		75.100		153		144		129	
Thallium	7440-28-0	~	~	~	~	~	1.940	U	1.850	U	1.810	U	1.840	U	1.700	U	1.790	U	1.880	U	1.910	U
Vanadium	7440-62-2	~	~	~	~	~	48.900		28		26.500		25.200		14.700		24.500		28.800		45.100	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**148**		**146**		**154**		**173**		62.600		**115**		92.100		**114**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.566**		**1.410**		**0.632**		**1.500**		0.0960		**0.610**		**0.681**		**1.130**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.581	U	0.564	U	0.550	U	0.561	U	0.517	U	0.545	U	0.564	U	0.571	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.581	U	0.564	U	0.550	U	0.561	U	0.517	U	0.545	U	0.564	U	0.571	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	21.8		22.1		22		22.3		22.3		22.3		22.7		22.8	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	88		91		89		89		95		92		90		87	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	86	B	88.7	B	90.9	B	89.2	B	96.7	B	91.8	B	88.7	B	87.6	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-29-CS-49 26H0771-13 8/13/2026 9:55:00 AM Soil		HD161DPL GSI TP-29-CS-50 26H0771-15 8/13/2026 10:30:00 AM Soil		HD161DPL GSI TP-28-CS-51 26H0771-17 8/13/2026 11:20:00 AM Soil		HD161DPL GSI TP-30-CS-52 26H0771-19 8/13/2026 10:50:00 AM Soil		HD161DPL GSI TP-30-CS-53 26H0771-21 8/13/2026 11:00:00 AM Soil		HD161DPL GSI TP-30-CS-54 26H0771-23 8/13/2026 11:10:00 AM Soil		HD161DPL GSI TP-31-CS-55 26H0771-25 8/13/2026 11:55:00 AM Soil		HD161DPL GSI TP-31-CS-56 26H0771-27 8/13/2026 12:15:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							2		2		1		2		5		5		1		1	
1,1-Biphenyl	92-52-4	~	~	~	~	~	0.0376	U	0.0376	U	0.0386	U	0.0496	U	0.0373	U	0.0398	U	0.0371	U	0.0374	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0308	U	0.0308	U	0.0316	U	0.0405	U	0.0305	U	0.0326	U	0.0304	U	0.0306	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0334	U	0.0334	U	0.0343	U	0.0440	U	0.0331	U	0.0353	U	0.0329	U	0.0332	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0288	U	0.0287	U	0.0295	U	0.0379	U	0.0285	U	0.0304	U	0.0284	U	0.0286	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0290	U	0.0289	U	0.0297	U	0.0382	U	0.0287	U	0.0307	U	0.0286	U	0.0288	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0336	U	0.0336	U	0.0345	U	0.0443	U	0.0333	U	0.0356	U	0.0332	U	0.0334	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0277	U	0.0277	U	0.0284	U	0.0365	U	0.0274	U	0.0293	U	0.0273	U	0.0275	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0435	U	0.0435	U	0.0446	U	0.0573	U	0.0431	U	0.0460	U	0.0429	U	0.0432	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0431	U	0.0431	U	0.0443	U	0.0568	U	0.0427	U	0.0457	U	0.0426	U	0.0429	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0279	U	0.0279	U	0.0286	U	0.0367	U	0.0276	U	0.0295	U	0.0275	U	0.0277	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0317	U	0.0317	U	0.0325	U	0.0418	U	0.0314	U	0.0336	U	0.0313	U	0.0315	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0394	U	0.0394	U	0.0405	U	0.0519	U	0.0391	U	0.0417	U	0.0389	U	0.0392	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0354	U	0.0354	U	0.0363	U	0.0467	U	0.0351	U	0.0375	U	0.0350	U	0.0352	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0345	U	0.0344	U	0.0354	U	0.0454	U	0.0342	U	0.0365	U	0.0340	U	0.0342	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0378	U	0.0378	U	0.0388	U	0.0498	U	0.0374	U	0.0400	U	0.0373	U	0.0375	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0302	U	0.0302	U	0.0310	U	0.0398	U	0.0299	U	0.0320	U	0.0298	U	0.0300	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0271	U	0.0271	U	0.0278	U	0.0357	U	0.0268	U	0.0287	U	0.0267	U	0.0269	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0278	U	0.0278	U	0.0286	U	0.0785	J	0.0619	J	0.0365	J	0.0275	U	0.0277	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0289	U	0.0289	U	0.0297	U	0.0381	U	0.0287	U	0.0306	U	0.0285	U	0.0287	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0256	U	0.0256	U	0.0263	U	0.0338	U	0.0254	U	0.0272	U	0.0253	U	0.0255	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0405	U	0.0405	U	0.0415	U	0.0533	U	0.0401	U	0.0429	U	0.0400	U	0.0402	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0284	U	0.0284	U	0.0291	U	0.0374	U	0.0281	U	0.0301	U	0.0280	U	0.0282	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0278	U	0.0278	U	0.0286	U	0.0367	U	0.0276	U	0.0295	U	0.0275	U	0.0277	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0345	U	0.0344	U	0.0354	U	0.0454	U	0.0342	U	0.0365	U	0.0340	U	0.0342	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0474	U	0.0474	U	0.0487	U	0.0625	U	0.0470	U	0.0502	U	0.0468	U	0.0471	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0375	U	0.0375	U	0.0385	U	0.0494	U	0.0371	U	0.0397	U	0.0370	U	0.0372	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0301	U	0.0301	U	0.0309	U	0.0396	U	0.0298	U	0.0318	U	0.0297	U	0.0299	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0285	U	0.0285	U	0.0293	U	0.0376	U	0.0283	U	0.0302	U	0.0282	U	0.0284	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0377	U	0.0377	U	0.0387	U	0.0497	U	0.0374	U	0.0399	U	0.0372	U	0.0375	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0325	U	0.0325	U	0.0334	U	0.0429	U	0.0322	U	0.0344	U	0.0321	U	0.0323	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0536	U	0.0536	U	0.0550	U	0.0706	U	0.0531	U	0.0568	U	0.0529	U	0.0533	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.0701	J	0.0867	J	0.0345	U	0.150		0.135		0.0938	J	0.0332	U	0.0334	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.0523	J	0.0316	J	0.0298	U	0.0866	J	0.124		0.0704	J	0.0286	U	0.0288	U
Acetophenone	98-86-2	~	~	~	~	~	0.0278	U	0.0278	U	0.0285	U	0.0366	U	0.0276	U	0.0294	U	0.0274	U	0.0276	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0395	U	0.0395	U	0.0405	U	0.0520	U	0.0391	U	0.0418	U	0.0390	U	0.0392	U
Anthracene	120-12-7	100	100	100	500	1,000	0.206		0.257		0.0675	J	0.464		0.499		0.270		0.0299	U	0.0321	J
Atrazine	1912-24-9	~	~	~	~	~	0.0324	U	0.0324	U	0.0333	U	0.0427	U	0.0322	U	0.0343	U	0.0320	U	0.0322	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0330	U	0.0330	U	0.0339	U	0.0435	U	0.0327	U	0.0349	U	0.0326	U	0.0328	U
Benzidine	92-87-5	~	~	~	~	~	0.0110	U	0.0110	U	0.0113	U	0.0145	U	0.0109	U	0.0116	U	0.0108	U	0.0109	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	0.734		0.780		0.239		0.931		**1.610**	E	0.906		0.0871	J	0.172	
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	0.558		0.313		0.123		0.953		0.673	D	1		0.104		0.183	
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	0.544		0.465		0.181		0.732		**1.700**	E	0.910		0.0957		0.175	
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	0.293		0.214		0.0932		0.529		**1.040**		0.598		0.0699	J	0.113	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	0.471		0.444		0.155		0.599		**1.030**		0.638		0.0681	J	0.125	
Benzoic acid	65-85-0	~	~	~	~	~	0.0382	U	0.0381	U	0.0392	U	0.0503	U	0.0378	U	0.0404	U	0.0377	U	0.0379	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0282	U	0.0281	U	0.0289	U	0.0371	U	0.0279	U	0.0298	U	0.0278	U	0.0280	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0868	J	0.0396	U	0.0407	U	0.0522	U	0.0393	U	0.0773	J	0.0391	U	0.0394	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0283	U	0.0283	U	0.0290	U	0.0373	U	0.0280	U	0.0300	U	0.0279	U	0.0281	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0211	U	0.0211	U	0.0217	U	0.0278	U	0.0209	U	0.0223	U	0.0208	U	0.0210	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0403	U	0.0402	U	0.0413	U	0.0530	U	0.0399	U	0.0426	U	0.0397	U	0.0400	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0792	J	0.220		0.0402	U	0.0517	U	0.0615	J	0.178		0.0387	U	0.0559	J
Caprolactam	105-60-2	~	~	~	~	~	0.0443	U	0.0442	U	0.0454	U	0.0583	U	0.0439	U	0.0468	U	0.0437	U	0.0440	U
Carbazole	86-74-8	~	~	~	~	~	0.0726	J	0.0795	J	0.0310	U	0.186		0.178		0.113		0.0298	U	0.0300	U
Chrysene	218-01-9	1	1.2	4.9	47	78	0.732		0.693		0.229		0.818		**1.520**	E	0.826		0.0756	J	0.159	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.111		0.0882	J	0.0388	J	0.0440	J	0.0961		0.0627	J	0.0269	U	0.0271	U
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.0300	U	0.0450	J	0.0308	U	0.136		0.0875	J	0.0561	J	0.0296	U	0.0299	U
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0346	U	0.0346	U	0.0355	U	0.0456	U	0.0343	U	0.0366	U	0.0341	U	0.0344	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0311	U	0.0310	U	0.0319	U	0.0409	U	0.0308	U	0.0329	U	0.0307	U	0.0309	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-29-CS-49 26H0771-13 8/13/2026 9:55:00 AM Soil		HD161DPL GSI TP-29-CS-50 26H0771-15 8/13/2026 10:30:00 AM Soil		HD161DPL GSI TP-28-CS-51 26H0771-17 8/13/2026 11:20:00 AM Soil		HD161DPL GSI TP-30-CS-52 26H0771-19 8/13/2026 10:50:00 AM Soil		HD161DPL GSI TP-30-CS-53 26H0771-21 8/13/2026 11:00:00 AM Soil		HD161DPL GSI TP-30-CS-54 26H0771-23 8/13/2026 11:10:00 AM Soil		HD161DPL GSI TP-31-CS-55 26H0771-25 8/13/2026 11:55:00 AM Soil		HD161DPL GSI TP-31-CS-56 26H0771-27 8/13/2026 12:15:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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							2		2		1		2		5		5		1		1	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0382	U	0.0382	U	0.0392	U	0.0503	U	0.0379	U	0.0404	U	0.0377	U	0.0380	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0291	U	0.0290	U	0.0298	U	0.0383	U	0.0288	U	0.0308	U	0.0287	U	0.0289	U
Fluoranthene	206-44-0	85	100	100	500	1,000	1.270		1.420		0.376		2.350	E	2.710	D	1.630	D	0.151		0.297	
Fluorene	86-73-7	30	100	100	500	1,000	0.0625	J	0.0907		0.0352	U	0.228		0.166		0.0853	J	0.0339	U	0.0341	U
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0368	U	0.0368	U	0.0378	U	0.0485	U	0.0365	U	0.0389	U	0.0363	U	0.0366	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0304	U	0.0304	U	0.0312	U	0.0400	U	0.0301	U	0.0322	U	0.0300	U	0.0302	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0457	U	0.0457	U	0.0469	U	0.0602	U	0.0453	U	0.0484	U	0.0451	U	0.0454	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0352	U	0.0352	U	0.0361	U	0.0464	U	0.0349	U	0.0373	U	0.0348	U	0.0350	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	0.334		0.259		0.115		0.487		**0.967**		**0.571**		0.0642	J	0.109	
Isophorone	78-59-1	~	~	~	~	~	0.0304	U	0.0304	U	0.0312	U	0.0401	U	0.0302	U	0.0322	U	0.0300	U	0.0302	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0317	U	0.0317	U	0.0325	U	0.123		0.0911		0.0531	J	0.0313	U	0.0315	U
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0307	U	0.0307	U	0.0315	U	0.0404	U	0.0304	U	0.0325	U	0.0303	U	0.0305	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0396	U	0.0395	U	0.0406	U	0.0521	U	0.0392	U	0.0419	U	0.0390	U	0.0393	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0296	U	0.0296	U	0.0304	U	0.0390	U	0.0294	U	0.0314	U	0.0292	U	0.0294	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0366	U	0.0366	U	0.0375	U	0.0482	U	0.0363	U	0.0387	U	0.0361	U	0.0364	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0404	U	0.0404	U	0.0415	U	0.0533	U	0.0401	U	0.0428	U	0.0399	U	0.0402	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	0.704		0.816		0.218		**2.270**	D	**2.150**	D	**1.230**		0.0599	J	0.109	
Phenol	108-95-2	0.33	100	100	500	1,000	0.0383	U	0.0383	U	0.0393	U	0.0505	U	0.0380	U	0.0406	U	0.0378	U	0.0381	U
Pyrene	129-00-0	64	100	100	500	1,000	1.170	D	1.170	D	0.448		2.080	E	3.400	D	1.630	E	0.134		0.258	
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	**0.0107**	D	**0.00674**	D	**0.0225**	D	**0.00745**	D	NT		NT		0.00358	U	NT	
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33	NT		NT		NT		NT		**0.0162**	D	**0.0129**	D	NT		**0.00671**	D
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	**0.00407**	DP	**0.00358**	DP	**0.00778**	DP	**0.00404**	DP	**0.00418**	DP	**0.00346**	DP	0.00189	D	NT	
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		NT		NT		NT		0.00184	U
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	**0.00393**	DP	**0.00484**	DP	**0.00742**	DP	**0.00526**	DP	**0.00439**	D	**0.00413**	DP	**0.00393**	D	**0.00636**	D
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00185	U	0.00185	U	0.00188	U	0.00242	U	0.00182	U	0.00192	U	0.00179	U	0.00184	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00556	U	0.00555	U	0.00563	U	0.00727	U	0.00547	U	0.00577	U	0.00538	U	0.00552	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	0.0109	D	NT		0.00783	DP	0.00726	D	NT		0.0118	D	NT		NT	
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		0.00370	U	NT		NT		0.00441	DP	NT		0.00358	U	0.00368	U
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00833	U	0.00833	U	0.00844	U	0.0109	U	0.00821	U	0.00865	U	0.00806	U	0.00828	U
Chlordane, total	57-74-9	~	~	~	~	~	0.0185	U	0.0185	U	0.0188	U	0.0242	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00556	U	0.00555	U	0.00563	U	0.00727	U	0.00547	U	0.00577	U	0.00538	U	0.00552	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00185	U	0.00185	U	0.00188	U	0.00242	U	0.00182	U	0.00192	U	0.00179	U	0.00184	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	0.00556	U	0.00555	U	0.00563	U	0.00727	U	0.00547	U	0.00577	U	0.00538	U	0.00552	U
Endrin ketone	53494-70-5	~	~	~	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	0.0117	DP	0.00508	DP	0.0137	DP	0.00546	DP	0.00536	D	0.00757	DP	0.00358	U	0.00368	U
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	0.00185	U	0.00185	U	0.00188	U	0.00242	U	0.00182	U	0.00192	U	0.00179	U	0.00184	U
Methoxychlor	72-43-5	~	~	~	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Toxaphene	8001-35-2	~	~	~	~	~	0.0926	U	0.0926	U	0.0938	U	0.121	U	0.0912	U	0.0961	U	0.0896	U	0.0920	U
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0230	B	0.0261	B	0.0233	B	0.0239	U	0.0210		0.0412		0.0179	U	0.0184	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0205		0.0185	U	0.0259		0.0239	U	0.0197		0.0350		0.0179	U	0.0184	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Total PCBs	1336-36-3	0.1	1	1	1	25	0.0556	U	0.0261		0.0613		0.0250		0.0547	U	0.0762		0.0538	U	0.0552	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-29-CS-49 26H0771-13 8/13/2026 9:55:00 AM Soil		HD161DPL GSI TP-29-CS-50 26H0771-15 8/13/2026 10:30:00 AM Soil		HD161DPL GSI TP-28-CS-51 26H0771-17 8/13/2026 11:20:00 AM Soil		HD161DPL GSI TP-30-CS-52 26H0771-19 8/13/2026 10:50:00 AM Soil		HD161DPL GSI TP-30-CS-53 26H0771-21 8/13/2026 11:00:00 AM Soil		HD161DPL GSI TP-30-CS-54 26H0771-23 8/13/2026 11:10:00 AM Soil		HD161DPL GSI TP-31-CS-55 26H0771-25 8/13/2026 11:55:00 AM Soil		HD161DPL GSI TP-31-CS-56 26H0771-27 8/13/2026 12:15:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	6,700		6,050		6,170		6,170		7,420		7,430		4,400		4,820	
Antimony	7440-36-0	~	~	~	~	~	2.280	U	2.360	U	2.370	U	3.040	U	2.250	U	3.040		2.170	U	2.310	U
Arsenic	7440-38-2	13	16	16	16	16	5.960		3.210		3.180		3.780		7.010		7.590		4.070		3.860	
Barium	7440-39-3	410	410	410	410	10,000	145		102		74.200		64.600		135		205		45.700		56.500	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.220		0.163		0.167		0.305		0.209		0.254		3.120		0.269	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.512		0.283	U	0.322		0.365	U	0.486		1.540		0.687		0.480	
Calcium	7440-70-2	~	~	~	~	~	11,100		3,810		3,710		2,530		8,670		9,790		6,590		1,900	
Chromium	7440-47-3	~	~	~	~	~	16.400		13.900		16.600		16.600		15.900		18.100		12.800		16.400	
Cobalt	7440-48-4	~	~	~	~	~	6.080		5.430		6.010		6.360		6.780		5.570		4.750		5.250	
Copper	7440-50-8	50	280	280	280	10,000	43.900		25.600		29.100		23.500		36.300		**62.700**		22.300		31.600	
Iron	7439-89-6	~	~	~	~	~	13,700		11,000		10,900		11,100		12,900		15,900		14,700		12,000	
Lead	7439-92-1	63	400	400	1,000	3,900	**231**		**133**		**104**		**250**		**234**		**373**		**73.100**		**84.500**	
Magnesium	7439-95-4	~	~	~	~	~	2,950		2,260		2,600		3,450		3,580		3,370		2,590		2,070	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	215		146		213		198		214		413		226		154	
Nickel	7440-02-0	30	87	320	320	5,900	28		**30.700**		**36.500**		**38.400**		30		29.300		20.700		**33.100**	
Potassium	7440-09-7	~	~	~	~	~	1,020		887		998		1,160		1,090		1,020		711		766	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.280	U	2.360	U	2.370	U	3.040	U	2.250	U	2.410	U	2.170	U	2.310	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.461	U	0.476	U	0.477	U	0.613	U	0.453	U	0.486	U	0.439	U	0.465	U
Sodium	7440-23-5	~	~	~	~	~	152		102		103		108		179		392		90.700		78.400	
Thallium	7440-28-0	~	~	~	~	~	1.830	U	1.890	U	1.900	U	2.440	U	1.800	U	1.930	U	1.740	U	1.850	U
Vanadium	7440-62-2	~	~	~	~	~	30.500		19		25.800		20.300		23.600		24.100		19.800		22.100	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**180**		102		83.200		89.400		**187**		**440**		69.200		97.400	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	**0.696**		**0.491**		**0.560**		**0.207**		**0.500**		**0.558**		0.0802		**0.291**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.557	U	0.557	U	0.568	U	0.730	U	0.549	U	0.579	U	0.539	U	0.554	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	0.557	U	0.557	U	0.568	U	0.730	U	0.549	U	0.572	U	0.539	U	0.554	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	22.5		22.3		22.3		22.6		22.5		22.4		22.3		22.4	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	85		90		88		85		88		88		77		90	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	89.7	B	89.7	B	88	B	68.5	B	91.1	B	86.4	B	92.7	B	90.3	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-31-CS-57		HD161DPL GSI TP-27-CS-58		HD161DPL GSI TP-33-CS-59		HD161DPL GSI TP-33-CS-60		HD161DPL GSI TP-33-CS-61		HD161DPL GSI TP-32-CS-62		HD161DPL GSI TP-32-CS-63		HD161DPL GSI TP-32-CS-64	
Sample ID							26H0771-29		26H0771-31		26H0771-33		26H0771-35		26H0771-37		26H0771-39		26H0771-41		26H0771-43	
Sampling Date							8/13/2026 12:30:00 PM		8/13/2026 12:50:00 PM		8/13/2026 1:10:00 PM		8/13/2026 2:25:00 PM		8/13/2026 1:40:00 PM		8/13/2026 2:00:00 PM		8/13/2026 2:15:00 PM		8/13/2026 2:25:00 PM	
Client Matrix							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
SVOA, 8270 MASTER		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-Biphenyl	92-52-4	~	~	~	~	~	0.0425	U	0.0363	U	0.0382	U	0.0558	U	0.0545	U	0.0546	U	0.0679	U	0.0550	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	0.0348	U	0.0297	U	0.0313	U	0.0457	U	0.0446	U	0.0446	U	0.0555	U	0.0450	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0377	U	0.0322	U	0.0339	U	0.0495	U	0.0484	U	0.0484	U	0.0602	U	0.0488	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	0.0325	U	0.0278	U	0.0292	U	0.0427	U	0.0417	U	0.0417	U	0.0519	U	0.0420	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	0.0327	U	0.0280	U	0.0294	U	0.0430	U	0.0420	U	0.0420	U	0.0522	U	0.0423	U
1,3-Dichlorobenzene	541-73-1	2.6	11	38	280	280	0.0380	U	0.0325	U	0.0341	U	0.0498	U	0.0487	U	0.0487	U	0.0606	U	0.0491	U
1,4-Dichlorobenzene	106-46-7	1.8	10	24	130	130	0.0313	U	0.0267	U	0.0281	U	0.0410	U	0.0401	U	0.0401	U	0.0499	U	0.0405	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	0.0491	U	0.0420	U	0.0442	U	0.0645	U	0.0630	U	0.0631	U	0.0785	U	0.0636	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	0.0487	U	0.0417	U	0.0438	U	0.0640	U	0.0625	U	0.0626	U	0.0778	U	0.0631	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	0.0315	U	0.0269	U	0.0283	U	0.0413	U	0.0404	U	0.0404	U	0.0503	U	0.0407	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	0.0358	U	0.0306	U	0.0322	U	0.0470	U	0.0460	U	0.0460	U	0.0572	U	0.0464	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	0.0445	U	0.0381	U	0.0401	U	0.0585	U	0.0571	U	0.0572	U	0.0711	U	0.0576	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	0.0400	U	0.0342	U	0.0360	U	0.0525	U	0.0513	U	0.0514	U	0.0639	U	0.0518	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	0.0389	U	0.0333	U	0.0350	U	0.0511	U	0.0499	U	0.0500	U	0.0622	U	0.0504	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	0.0427	U	0.0365	U	0.0384	U	0.0560	U	0.0548	U	0.0548	U	0.0682	U	0.0552	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	0.0341	U	0.0292	U	0.0307	U	0.0448	U	0.0438	U	0.0438	U	0.0545	U	0.0442	U
2-Chlorophenol	95-57-8	~	~	~	~	~	0.0306	U	0.0262	U	0.0275	U	0.0402	U	0.0393	U	0.0393	U	0.0489	U	0.0396	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	0.0439	J	0.0269	U	0.0283	U	0.0413	U	0.0403	U	0.0404	U	0.0502	U	0.0407	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.0327	U	0.0279	U	0.0294	U	0.0429	U	0.0419	U	0.0419	U	0.0522	U	0.0423	U
2-Nitroaniline	88-74-4	~	~	~	~	~	0.0290	U	0.0248	U	0.0261	U	0.0380	U	0.0372	U	0.0372	U	0.0463	U	0.0375	U
2-Nitrophenol	88-75-5	~	~	~	~	~	0.0457	U	0.0391	U	0.0411	U	0.0600	U	0.0587	U	0.0587	U	0.0730	U	0.0592	U
3- & 4-Methylphenols	65794-96-9	0.33	100	100	500	1,000	0.0321	U	0.0274	U	0.0289	U	0.0421	U	0.0412	U	0.0412	U	0.0512	U	0.0415	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	0.0315	U	0.0269	U	0.0283	U	0.0413	U	0.0404	U	0.0404	U	0.0502	U	0.0407	U
3-Nitroaniline	99-09-2	~	~	~	~	~	0.0389	U	0.0333	U	0.0350	U	0.0511	U	0.0499	U	0.0500	U	0.0622	U	0.0504	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	0.0536	U	0.0458	U	0.0482	U	0.0704	U	0.0688	U	0.0688	U	0.0856	U	0.0693	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	0.0423	U	0.0362	U	0.0381	U	0.0556	U	0.0543	U	0.0544	U	0.0676	U	0.0548	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	0.0340	U	0.0290	U	0.0305	U	0.0446	U	0.0436	U	0.0436	U	0.0543	U	0.0440	U
4-Chloroaniline	106-47-8	~	~	~	~	~	0.0322	U	0.0276	U	0.0290	U	0.0423	U	0.0414	U	0.0414	U	0.0515	U	0.0417	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	0.0426	U	0.0364	U	0.0383	U	0.0560	U	0.0547	U	0.0547	U	0.0681	U	0.0552	U
4-Nitroaniline	100-01-6	~	~	~	~	~	0.0367	U	0.0314	U	0.0330	U	0.0483	U	0.0472	U	0.0472	U	0.0587	U	0.0476	U
4-Nitrophenol	100-02-7	~	~	~	~	~	0.0606	U	0.0518	U	0.0545	U	0.0795	U	0.0777	U	0.0778	U	0.0967	U	0.0784	U
Acenaphthene	83-32-9	20	100	100	500	1,000	0.174		0.0325	U	0.0342	U	0.0499	U	0.0487	U	0.0488	U	0.0607	U	0.0492	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	0.0345	J	0.0431	J	0.0295	U	0.0430	U	0.0421	U	0.0421	U	0.0524	U	0.0424	U
Acetophenone	98-86-2	~	~	~	~	~	0.0314	U	0.0269	U	0.0282	U	0.0412	U	0.0403	U	0.0403	U	0.0502	U	0.0406	U
Aniline	62-53-3	0.04	6.7	8.1	36	36	0.0446	U	0.0381	U	0.0401	U	0.0586	U	0.0572	U	0.0573	U	0.0712	U	0.0577	U
Anthracene	120-12-7	100	100	100	500	1,000	0.326		0.102		0.0561	J	0.0711	J	0.0440	U	0.0806	J	0.0747	J	0.0780	J
Atrazine	1912-24-9	~	~	~	~	~	0.0366	U	0.0313	U	0.0330	U	0.0481	U	0.0470	U	0.0471	U	0.0585	U	0.0474	U
Benzaldehyde	100-52-7	~	~	~	~	~	0.0373	U	0.0319	U	0.0335	U	0.0490	U	0.0478	U	0.0479	U	0.0596	U	0.0483	U
Benzidine	92-87-5	~	~	~	~	~	0.0124	U	0.0106	U	0.0111	U	0.0163	U	0.0159	U	0.0159	U	0.0198	U	0.0160	U
Benzo(a)anthracene	56-55-3	1	1	1.4	37	37	0.625		0.471		0.234		0.216		0.0816	J	0.283		0.248		0.274	
Benzo(a)pyrene	50-32-8	1	1	1	3.7	3.7	0.630		0.570		0.273		0.218		0.0832	J	0.310		0.207		0.308	
Benzo(b)fluoranthene	205-99-2	1	1	1.4	37	37	0.553		0.510		0.259		0.208		0.0790	J	0.279		0.193		0.282	
Benzo(g,h,i)perylene	191-24-2	0.64	1.2	4.9	47	78	0.340		0.348		0.172		0.136		0.0500	J	0.191		0.117	J	0.218	
Benzo(k)fluoranthene	207-08-9	0.8	1.2	4.9	47	78	0.386		0.390		0.181		0.157		0.0558	J	0.236		0.168		0.219	
Benzoic acid	65-85-0	~	~	~	~	~	0.0431	U	0.0369	U	0.0388	U	0.0566	U	0.0553	U	0.0554	U	0.0689	U	0.0558	U
Benzyl alcohol	100-51-6	~	~	~	~	~	0.0318	U	0.0272	U	0.0286	U	0.0418	U	0.0408	U	0.0409	U	0.0508	U	0.0412	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	0.0448	U	0.0383	U	0.0403	U	0.0588	U	0.0574	U	0.0575	U	0.0715	U	0.0579	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	0.0320	U	0.0273	U	0.0287	U	0.0420	U	0.0410	U	0.0410	U	0.0510	U	0.0414	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	0.0238	U	0.0204	U	0.0214	U	0.0313	U	0.0306	U	0.0306	U	0.0381	U	0.0309	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	0.0455	U	0.0389	U	0.0409	U	0.0597	U	0.0583	U	0.0584	U	0.0726	U	0.0589	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	0.0443	U	0.0379	U	0.0398	U	0.0582	U	0.0568	U	0.0569	U	0.0707	U	0.268	
Caprolactam	105-60-2	~	~	~	~	~	0.0500	U	0.0427	U	0.0450	U	0.0656	U	0.0641	U	0.0642	U	0.0798	U	0.0647	U
Carbazole	86-74-8	~	~	~	~	~	0.114		0.0474	J	0.0307	U	0.0448	U	0.0438	U	0.0438	U	0.0545	U	0.0442	U
Chrysene	218-01-9	1	1.2	4.9	47	78	0.566		0.424		0.217		0.187		0.0695	J	0.260		0.223		0.247	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	3.7	3.7	0.0324	J	0.0344	J	0.0277	U	0.0404	U	0.0395	U	0.0395	U	0.0550	J	0.0398	U
Dibenzofuran	132-64-9	2.1	4.2	18	180	290	0.0960	J	0.0290	U	0.0305	U	0.0446	U	0.0435	U	0.0436	U	0.0542	U	0.0439	U
Diethyl phthalate	84-66-2	~	~	~	~	~	0.0391	U	0.0334	U	0.0351	U	0.0513	U	0.0501	U	0.0502	U	0.0624	U	0.0506	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	0.0351	U	0.0300	U	0.0316	U	0.0461	U	0.0450	U	0.0451	U	0.0560	U	0.0454	U

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-31-CS-57 26H0771-29 8/13/2026 12:30:00 PM Soil		HD161DPL GSI TP-27-CS-58 26H0771-31 8/13/2026 12:50:00 PM Soil		HD161DPL GSI TP-33-CS-59 26H0771-33 8/13/2026 1:10:00 PM Soil		HD161DPL GSI TP-33-CS-60 26H0771-35 8/13/2026 2:25:00 PM Soil		HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER		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	
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	0.0432	U	0.0369	U	0.0388	U	0.0567	U	0.0554	U	0.0554	U	0.0689	U	0.0559	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	0.0328	U	0.0281	U	0.0295	U	0.0431	U	0.0421	U	0.0421	U	0.0524	U	0.0425	U
Fluoranthene	206-44-0	85	100	100	500	1,000	1.840	E	0.889		0.446		0.454		0.141		0.552		0.442		0.550	
Fluorene	86-73-7	30	100	100	500	1,000	0.164		0.0332	U	0.0349	U	0.0509	U	0.0498	U	0.0498	U	0.0619	U	0.0502	U
Hexachlorobenzene	118-74-1	0.33	0.33	0.33	1.8	2.9	0.0416	U	0.0355	U	0.0374	U	0.0546	U	0.0533	U	0.0534	U	0.0664	U	0.0538	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0343	U	0.0293	U	0.0309	U	0.0451	U	0.0440	U	0.0441	U	0.0548	U	0.0444	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	0.0516	U	0.0441	U	0.0464	U	0.0678	U	0.0662	U	0.0663	U	0.0824	U	0.0668	U
Hexachloroethane	67-72-1	~	~	~	~	~	0.0398	U	0.0340	U	0.0358	U	0.0522	U	0.0510	U	0.0511	U	0.0635	U	0.0515	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	1.4	37	37	0.331		0.342		0.163		0.127	J	0.0516	J	0.196		0.128	J	0.204	
Isophorone	78-59-1	~	~	~	~	~	0.0344	U	0.0294	U	0.0309	U	0.0451	U	0.0441	U	0.0441	U	0.0549	U	0.0445	U
Naphthalene	91-20-3	12	84	100	500	1,000	0.0410	J	0.0306	U	0.0322	U	0.0470	U	0.0460	U	0.0460	U	0.0572	U	0.0463	U
Nitrobenzene	98-95-3	0.08	0.77	1.8	8.9	8.9	0.0346	U	0.0296	U	0.0312	U	0.0455	U	0.0445	U	0.0445	U	0.0553	U	0.0448	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	0.0447	U	0.0382	U	0.0402	U	0.0587	U	0.0573	U	0.0574	U	0.0714	U	0.0578	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	0.0335	U	0.0286	U	0.0301	U	0.0439	U	0.0429	U	0.0430	U	0.0534	U	0.0433	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	0.0413	U	0.0353	U	0.0372	U	0.0543	U	0.0530	U	0.0531	U	0.0660	U	0.0535	U
Pentachlorophenol	87-86-5	0.8	0.8	1.3	6.9	7	0.0457	U	0.0391	U	0.0411	U	0.0600	U	0.0586	U	0.0587	U	0.0730	U	0.0591	U
Phenanthrene	85-01-8	1.1	1.2	4.9	47	78	**1.810**	E	0.348		0.189		0.194		0.0426	J	0.295		0.179		0.191	
Phenol	108-95-2	0.33	100	100	500	1,000	0.0433	U	0.0370	U	0.0389	U	0.0569	U	0.0556	U	0.0556	U	0.0692	U	0.0560	U
Pyrene	129-00-0	64	100	100	500	1,000	1.450		0.757		0.372		0.405		0.130	J	0.466		0.447		0.466	
PEST, 8081 MASTER		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							5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	1.2	5	33	33	NT		NT		NT		**0.00619**	DP	NT		NT		**0.00504**	DP	0.00364	U
4,4'-DDD [2C]	72-54-8	0.0033	1.2	5	33	33	**0.00481**	D	**0.00891**	D	0.00369	U	NT		**0.00468**	DP	**0.00522**	DP	NT		NT	
4,4'-DDE	72-55-9	0.0033	0.78	3.4	22	22	0.00243	DP	**0.00710**	D	0.00272	DP	0.00183	U	**0.00412**	D	**0.00408**	D	0.00271	DP	0.00182	U
4,4'-DDE [2C]	72-55-9	0.0033	0.78	3.4	22	22	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	0.0033	0.78	3.8	27	27	0.00417	U	**0.0113**	D	0.00369	U	0.00367	U	0.00359	U	**0.00756**	D	0.00442	U	0.00364	U
Aldrin	309-00-2	0.0048	0.0088	0.044	0.33	0.33	0.00208	U	0.00175	U	0.00184	U	0.00183	U	0.00179	U	0.00181	U	0.00221	U	0.00182	U
alpha-BHC	319-84-6	0.02	0.042	0.18	1.2	1.2	0.00625	U	0.00526	U	0.00553	U	0.00550	U	0.00538	U	0.00542	U	0.00663	U	0.00546	U
alpha-Chlordane	5103-71-9	0.014	0.14	0.65	8.2	11	0.00417	U	NT		NT		NT		0.00359	U	NT		0.00442	U	0.00364	U
alpha-Chlordane [2C]	5103-71-9	0.014	0.14	0.65	8.2	11	NT		0.00351	U	0.00369	U	0.00367	U	NT		0.00361	U	NT		NT	
beta-BHC	319-85-7	0.021	0.042	0.18	1.8	2.9	0.00938	U	0.00789	U	0.00830	U	0.00825	U	0.00807	U	0.00812	U	0.00994	U	0.00819	U
Chlordane, total	57-74-9	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0181	U	0.0221	U	0.0182	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.00625	U	0.00526	U	0.00553	U	0.00550	U	0.00538	U	0.00542	U	0.00663	U	0.00546	U
Dieldrin	60-57-1	0.005	0.017	0.075	0.48	0.48	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	**0.00655**	D	0.00442	U	0.00364	U
Endosulfan I	959-98-8	4.3	8.4	35	360	580	0.00208	U	0.00175	U	0.00184	U	0.00183	U	0.00179	U	0.00181	U	0.00221	U	0.00182	U
Endosulfan II	33213-65-9	4.3	8.4	35	360	580	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Endosulfan sulfate	1031-07-8	4.3	8.4	35	360	580	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Endrin	72-20-8	0.014	1.2	5.3	55	87	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	0.00625	U	0.00526	U	0.00553	U	0.00550	U	0.00538	U	0.00542	U	0.00663	U	0.00546	U
Endrin ketone	53494-70-5	~	~	~	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
gamma-BHC (Lindane)	58-89-9	0.025	0.05	0.21	0.21	3.4	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	0.00417	U	0.00411	D	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Heptachlor	76-44-8	0.013	0.12	0.53	5.1	5.1	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	0.00208	U	0.00175	U	0.00184	U	0.00183	U	0.00179	U	0.00181	U	0.00221	U	0.00182	U
Methoxychlor	72-43-5	~	~	~	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Toxaphene	8001-35-2	~	~	~	~	~	0.104	U	0.0877	U	0.0922	U	0.0917	U	0.0896	U	0.0903	U	0.110	U	0.0910	U
PCB, 8082 MASTER		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	
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0304		0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0208	U	0.0175	U	0.0241		0.0715		0.0266		0.0661		0.0231		0.0182	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0208	U	0.0175	U	0.0230		0.0343		0.0220		0.0180	U	0.0221	U	0.0182	U
Aroclor 1262	37324-23-5	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1268	11100-14-4	~	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0209		0.0221	U	0.0182	U
Total PCBs	1336-36-3	0.1	1	1	1	25	0.0625	U	0.0526	U	0.0553	U	**0.136**		0.0602		0.0869		0.0588		0.0275	

Table 2B
Soil Analytical Results - NYSDEC Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 SCOs Residential	NYSDEC Part 375 SCOs Restricted Residential	NYSDEC Part 375 SCOs Commercial	NYSDEC Part 375 SCOs Industrial	HD161DPL GSI TP-31-CS-57 26H0771-29 8/13/2026 12:30:00 PM Soil		HD161DPL GSI TP-27-CS-58 26H0771-31 8/13/2026 12:50:00 PM Soil		HD161DPL GSI TP-33-CS-59 26H0771-33 8/13/2026 1:10:00 PM Soil		HD161DPL GSI TP-33-CS-60 26H0771-35 8/13/2026 2:25:00 PM Soil		HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	~	~	~	~	~	7,100		7,730		7,240		5,660		4,960		6,750		7,320		4,710	
Antimony	7440-36-0	~	~	~	~	~	2.620	U	2.200	U	2.280	U	2.260	U	2.250	U	2.230	U	2.730	U	2.250	U
Arsenic	7440-38-2	13	16	16	16	16	4.710		4.060		4.790		2.610		3.320		5.600		3.760		3.400	
Barium	7440-39-3	410	410	410	410	10,000	118		89.600		75.100		55.700		54.300		228		79.200		93.800	
Beryllium	7440-41-7	4.4	8.8	43	670	750	0.307		0.238		0.327		0.157		0.115		0.287		0.252		0.175	
Cadmium	7440-43-9	2.5	2.5	2.5	3.7	4.4	0.483		0.317		0.373		0.272	U	0.270	U	0.733		0.360		0.441	
Calcium	7440-70-2	~	~	~	~	~	4,400		3,230		3,320		2,500		2,760		3,200		4,110		3,770	
Chromium	7440-47-3	~	~	~	~	~	20.900		20.400		27.800		15.900		12.700		18.900		31.300		18.400	
Cobalt	7440-48-4	~	~	~	~	~	7.380		7.980		8.110		6.330		4.980		7.220		7.980		4.140	
Copper	7440-50-8	50	280	280	280	10,000	43.400		46.800		**70.700**		24.100		19.800		**51.200**		30.300		41.300	
Iron	7439-89-6	~	~	~	~	~	13,100		13,700		16,400		10,400		9,030		18,200		12,800		9,490	
Lead	7439-92-1	63	400	400	1,000	3,900	**254**		**212**		**120**		61.200		**67.900**		**265**		**183**		**154**	
Magnesium	7439-95-4	~	~	~	~	~	3,040		3,900		3,190		2,910		2,370		3,210		3,260		2,140	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	250		243		283		198		178		250		296		141	
Nickel	7440-02-0	30	87	320	320	5,900	**44.300**		**55.800**		**59.300**		**52.800**		29.800		**40**		**66.200**		24	
Potassium	7440-09-7	~	~	~	~	~	1,130		1,450		1,140		1,100		1,000		1,010		1,230		685	
Selenium	7782-49-2	3.9	22	110	1,700	2,000	2.620	U	2.200	U	2.280	U	2.260	U	2.250	U	2.230	U	2.730	U	2.250	U
Silver	7440-22-4	2	22	110	1,700	2,000	0.529	U	0.443	U	0.459	U	0.456	U	0.453	U	0.450	U	0.549	U	0.454	U
Sodium	7440-23-5	~	~	~	~	~	111		202		143		101		108		128		159		96.500	
Thallium	7440-28-0	~	~	~	~	~	2.100	U	1.760	U	1.820	U	1.810	U	1.800	U	1.790	U	2.180	U	1.810	U
Vanadium	7440-62-2	~	~	~	~	~	28.700		41.300		30.900		19.100		16.900		36.100		202		23.200	
Zinc	7440-66-6	109	1,300	6,600	10,000	10,000	**229**		**173**		**155**		63.300		58.400		**216**		88.900		**119**	
Mercury by 7473		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	
Mercury	7439-97-6	0.18	0.30	0.30	1.1	1.1	0.109		**1.530**		**0.483**		**0.314**		**0.284**		**0.713**		**0.300**		**0.423**	
Cyanide, Total		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	
Cyanide, total	57-12-5	2.3	2.6	13	28	240	0.630	U	0.528	U	0.555	U	0.552	U	0.540	U	0.545	U	0.665	U	0.549	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	1	1	1.0	11	11	**2.780**		0.528	U	0.555	U	0.552	U	0.540	U	0.545	U	0.665	U	0.549	U
Temperature							°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor							1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	~	22.5		22.2		21.9		21.7		21.9		21.6		21.6		21.6	
SW846-%Solid							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	~	76		96		91		88		93		91		90		91	
Total Solids							%		%		%		%		%		%		%		%	
Dilution Factor							1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	79.4	B	94.7	B	90.1	B	90.6	B	92.7	B	91.7	B	75.2	B	91	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 d
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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI CS-1-G3 26H0577-02 8/11/2026 8:40:00 AM Soil		HD161DPL GSI CS-2-G3 26H0577-04 8/11/2026 9:10:00 AM Soil		HD161DPL GSI CS-3-G5 26H0577-06 8/11/2026 9:50:00 AM Soil		HD161DPL GSI CS-4-G1 26H0577-08 8/11/2026 10:40:00 AM Soil		HD161DPL GSI CS-5-G2 26H0577-10 8/11/2026 11:20:00 AM Soil		HD161DPL GSI CS-6-G3 26H0577-12 8/11/2026 11:30:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0140	U	0.0120	U	0.0120	U	0.0130	U	0.0130	U	0.0100	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Acetone	67-64-1	~	70,000	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U	0.00500	U
Acrolein	107-02-8	~	~	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U	0.00500	U
Acrylonitrile	107-13-1	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Benzene	71-43-2	16	3	11	2.2	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Bromobenzene	108-86-1	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Bromochloromethane	74-97-5	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Bromoform	75-25-2	460	88	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Bromomethane	74-83-9	1,800	110	82	18	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Carbon disulfide	75-15-0	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Chloroethane	75-00-3	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Chloroform	67-66-3	13,000	780	~	590	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Chloromethane	74-87-3	~	~	1,200	270	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI CS-1-G3 26H0577-02 8/11/2026 8:40:00 AM Soil		HD161DPL GSI CS-2-G3 26H0577-04 8/11/2026 9:10:00 AM Soil		HD161DPL GSI CS-3-G5 26H0577-06 8/11/2026 9:50:00 AM Soil		HD161DPL GSI CS-4-G1 26H0577-08 8/11/2026 10:40:00 AM Soil		HD161DPL GSI CS-5-G2 26H0577-10 8/11/2026 11:20:00 AM Soil		HD161DPL GSI CS-6-G3 26H0577-12 8/11/2026 11:30:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Cyclohexane	110-82-7	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Dibromomethane	74-95-3	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00580	U	0.00470	U	0.00470	U	0.00530	U	0.00530	U	0.00400	U
Ethanol	64-17-5	~	~	~	~	0.0580	U	0.0470	U	0.0470	U	0.0530	U	0.0530	U	0.0400	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00580	U	0.00470	U	0.00470	U	0.00530	U	0.00530	U	0.00400	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Iodomethane	74-88-4	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U	0.00500	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U	0.00500	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Styrene	100-42-5	260,000	16,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0580	U	0.0470	U	0.0470	U	0.0530	U	0.0530	U	0.0400	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00580	U	0.00470	U	0.00470	U	0.00530	U	0.00530	U	0.00400	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0180	U	0.0150	U	0.0150	U	0.0170	U	0.0170	U	0.0120	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00720	U	0.00580	U	0.00580	U	0.00660	U	0.00670	U	0.00500	U
Toluene	108-88-3	100,000	6,300	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Trichloroethylene	79-01-6	79	15	14	3	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Vinyl acetate	108-05-4	~	~	~	~	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00360	U	0.00290	U	0.00290	U	0.00330	U	0.00330	U	0.00250	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.0110	U	0.00880	U	0.00880	U	0.00990	U	0.0100	U	0.00750	U

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI CS-7-G6 26H0577-14 8/11/2026 11:40:00 AM Soil		HD161DPL GSI CS-8-G5 26H0577-16 8/11/2026 12:00:00 PM Soil		HD161DPL GSI CS-9-G3 26H0577-18 8/11/2026 12:10:00 PM Soil		HD161DPL GSI CS-10-G7 26H0577-20 8/11/2026 12:30:00 PM Soil		HD161DPL GSI CS-11-G8 26H0577-22 8/11/2026 12:40:00 PM Soil		HD161DPL GSI CS-12-G7 26H0577-24 8/11/2026 12:50:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00820		0.0380		0.0230		0.0180		0.0190		0.0170	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0120	U	0.0110	U	0.0120	U	0.0120	U	0.0140	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Acetone	67-64-1	~	70,000	~	~	0.0490		0.690		0.120		0.100		0.130		0.0900	
Acrolein	107-02-8	~	~	~	~	0.00580	U	0.00560	U	0.00620	U	0.00610	U	0.00690	U	0.00570	U
Acrylonitrile	107-13-1	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Benzene	71-43-2	16	3	11	2.2	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Bromobenzene	108-86-1	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Bromochloromethane	74-97-5	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Bromoform	75-25-2	460	88	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Bromomethane	74-83-9	1,800	110	82	18	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Carbon disulfide	75-15-0	~	~	~	~	0.00370	J	0.00280	J	0.00340	J	0.00340	J	0.00450	J	0.00280	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Chloroethane	75-00-3	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Chloroform	67-66-3	13,000	780	~	590	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Chloromethane	74-87-3	~	~	1,200	270	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI CS-7-G6 26H0577-14 8/11/2026 11:40:00 AM Soil		HD161DPL GSI CS-8-G5 26H0577-16 8/11/2026 12:00:00 PM Soil		HD161DPL GSI CS-9-G3 26H0577-18 8/11/2026 12:10:00 PM Soil		HD161DPL GSI CS-10-G7 26H0577-20 8/11/2026 12:30:00 PM Soil		HD161DPL GSI CS-11-G8 26H0577-22 8/11/2026 12:40:00 PM Soil		HD161DPL GSI CS-12-G7 26H0577-24 8/11/2026 12:50:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Cyclohexane	110-82-7	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Dibromomethane	74-95-3	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00460	U	0.00450	U	0.00500	U	0.00490	U	0.00560	U	0.00450	U
Ethanol	64-17-5	~	~	~	~	0.0460	U	0.0450	U	0.0500	U	0.0490	U	0.0560	U	0.0450	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00460	U	0.00450	U	0.00500	U	0.00490	U	0.00560	U	0.00450	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Iodomethane	74-88-4	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00580	U	0.00560	U	0.00620	U	0.00610	U	0.00690	U	0.00570	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00580	U	0.00560	U	0.00620	U	0.00610	U	0.00690	U	0.00570	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Styrene	100-42-5	260,000	16,000	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0460	U	0.0450	U	0.0500	U	0.0490	U	0.0560	U	0.0450	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00460	U	0.00450	U	0.00500	U	0.00490	U	0.00560	U	0.00450	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0150	U	0.0140	U	0.0160	U	0.0150	U	0.0170	U	0.0140	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00580	U	0.00560	U	0.00620	U	0.00610	U	0.00690	U	0.00570	U
Toluene	108-88-3	100,000	6,300	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Trichloroethylene	79-01-6	79	15	14	3	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Vinyl acetate	108-05-4	~	~	~	~	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00290	U	0.00280	U	0.00310	U	0.00300	U	0.00350	U	0.00280	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00870	U	0.00840	U	0.00940	U	0.00910	U	0.0100	U	0.00850	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI CS-13-G4 26H0577-26 8/11/2026 1:25:00 PM Soil		HD161DPL GSI CS-14-G2 26H0577-28 8/11/2026 1:35:00 PM Soil		HD161DPL GSI CS-15-G1 26H0577-30 8/11/2026 1:45:00 PM Soil		HD161DPL GSI TP-10- CS-16-G3 26H0685-02 8/12/2026 7:45:00 AM Soil		HD161DPL GSI TP-10- CS-17-G8 26H0685-04 8/12/2026 7:55:00 AM Soil		HD161DPL GSI TP-10- CS-18-G10 26H0685-06 8/12/2026 8:15:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00820		0.0210		0.00280	U	0.00220	U	0.0170		0.0160	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0110	U	0.0120	U	0.0110	U	0.00890	U	0.0120	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Acetone	67-64-1	~	70,000	~	~	0.0520		0.100		0.0270		0.00440	U	0.0990		0.0780	
Acrolein	107-02-8	~	~	~	~	0.00550	U	0.00590	U	0.00570	U	0.00440	U	0.00580	U	0.00560	U
Acrylonitrile	107-13-1	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Benzene	71-43-2	16	3	11	2.2	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Bromobenzene	108-86-1	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Bromochloromethane	74-97-5	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Bromoform	75-25-2	460	88	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Bromomethane	74-83-9	1,800	110	82	18	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Carbon disulfide	75-15-0	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Chloroethane	75-00-3	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Chloroform	67-66-3	13,000	780	~	590	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Chloromethane	74-87-3	~	~	1,200	270	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI CS-13-G4 26H0577-26 8/11/2026 1:25:00 PM Soil		HD161DPL GSI CS-14-G2 26H0577-28 8/11/2026 1:35:00 PM Soil		HD161DPL GSI CS-15-G1 26H0577-30 8/11/2026 1:45:00 PM Soil		HD161DPL GSI TP-10- CS-16-G3 26H0685-02 8/12/2026 7:45:00 AM Soil		HD161DPL GSI TP-10- CS-17-G8 26H0685-04 8/12/2026 7:55:00 AM Soil		HD161DPL GSI TP-10- CS-18-G10 26H0685-06 8/12/2026 8:15:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Cyclohexane	110-82-7	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Dibromomethane	74-95-3	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00440	U	0.00470	U	0.00450	U	0.00350	U	0.00470	U	0.00450	U
Ethanol	64-17-5	~	~	~	~	0.0440	U	0.0470	U	0.0450	U	0.0350	U	0.0470	U	0.0450	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00440	U	0.00470	U	0.00450	U	0.00350	U	0.00470	U	0.00450	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Iodomethane	74-88-4	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00550	U	0.00590	U	0.00570	U	0.00440	U	0.00580	U	0.00560	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00550	U	0.00590	U	0.00570	U	0.00440	U	0.00580	U	0.00560	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Styrene	100-42-5	260,000	16,000	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0440	U	0.0470	U	0.0450	U	0.0350	U	0.0470	U	0.0450	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00440	U	0.00470	U	0.00450	U	0.00350	U	0.00470	U	0.00450	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0140	U	0.0150	U	0.0140	U	0.0110	U	0.0150	U	0.0140	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00550	U	0.00590	U	0.00570	U	0.00440	U	0.00580	U	0.00560	U
Toluene	108-88-3	100,000	6,300	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Trichloroethylene	79-01-6	79	15	14	3	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Vinyl acetate	108-05-4	~	~	~	~	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00280	U	0.00300	U	0.00280	U	0.00220	U	0.00290	U	0.00280	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00830	U	0.00890	U	0.00850	U	0.00660	U	0.00870	U	0.00840	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-9- CS-19-G1 26H0685-08 8/12/2026 8:40:00 AM Soil		HD161DPL GSI TP-9- CS-20-G5 26H0685-10 8/12/2026 9:00:00 AM Soil		HD161DPL GSI TP-9- CS-21-G10 26H0685-12 8/12/2026 8:10:00 AM Soil		HD161DPL GSI TP-8/15- CS-22-G7 26H0685-14 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-16- CS-23-G7 26H0685-16 8/12/2026 10:00:00 AM Soil		HD161DPL GSI TP-16- CS-24-G1 26H0685-18 8/12/2026 10:10:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00260	U	0.0120		0.0490		0.00270	U	0.00330	U	0.0110	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0100	U	0.00980	U	0.0150	U	0.0110	U	0.0130	U	0.0130	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Acetone	67-64-1	~	70,000	~	~	0.00510	U	0.0660		0.250		0.00540	U	0.00660	U	0.0690	
Acrolein	107-02-8	~	~	~	~	0.00510	U	0.00490	U	0.00730	U	0.00540	U	0.00660	U	0.00650	U
Acrylonitrile	107-13-1	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Benzene	71-43-2	16	3	11	2.2	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Bromobenzene	108-86-1	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Bromochloromethane	74-97-5	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Bromoform	75-25-2	460	88	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Bromomethane	74-83-9	1,800	110	82	18	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Carbon disulfide	75-15-0	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Chloroethane	75-00-3	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Chloroform	67-66-3	13,000	780	~	590	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Chloromethane	74-87-3	~	~	1,200	270	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-9- CS-19-G1 26H0685-08 8/12/2026 8:40:00 AM Soil		HD161DPL GSI TP-9- CS-20-G5 26H0685-10 8/12/2026 9:00:00 AM Soil		HD161DPL GSI TP-9- CS-21-G10 26H0685-12 8/12/2026 8:10:00 AM Soil		HD161DPL GSI TP-8/15- CS-22-G7 26H0685-14 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-16- CS-23-G7 26H0685-16 8/12/2026 10:00:00 AM Soil		HD161DPL GSI TP-16- CS-24-G1 26H0685-18 8/12/2026 10:10:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Cyclohexane	110-82-7	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Dibromomethane	74-95-3	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00410	U	0.00390	U	0.00580	U	0.00440	U	0.00520	U	0.00520	U
Ethanol	64-17-5	~	~	~	~	0.0410	U	0.0390	U	0.0580	U	0.0440	U	0.0520	U	0.0520	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00410	U	0.00390	U	0.00580	U	0.00440	U	0.00520	U	0.00520	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Iodomethane	74-88-4	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00510	U	0.00490	U	0.00730	U	0.00540	U	0.00660	U	0.00650	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00510	U	0.00490	U	0.00730	U	0.00540	U	0.00660	U	0.00650	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Styrene	100-42-5	260,000	16,000	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0410	U	0.0390	U	0.0580	U	0.0440	U	0.0520	U	0.0520	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00410	U	0.00390	U	0.00580	U	0.00440	U	0.00520	U	0.00520	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0130	U	0.0120	U	0.0180	U	0.0140	U	0.0160	U	0.0160	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00510	U	0.00490	U	0.00730	U	0.00540	U	0.00660	U	0.00650	U
Toluene	108-88-3	100,000	6,300	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Trichloroethylene	79-01-6	79	15	14	3	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Vinyl acetate	108-05-4	~	~	~	~	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00260	U	0.00240	U	0.00370	U	0.00270	U	0.00330	U	0.00330	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00770	U	0.00730	U	0.0110	U	0.00820	U	0.00980	U	0.00980	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-17- CS-25-G8 26H0685-20 8/12/2026 11:00:00 AM Soil		HD161DPL GSI TP-17- CS-26-G2 26H0685-22 8/12/2026 11:10:00 AM Soil		HD161DPL GSI TP-17- CS-27-G2 26H0685-24 8/12/2026 11:20:00 AM Soil		HD161DPL GSI TP-18- CS-28-G6 26H0685-26 8/12/2026 11:30:00 AM Soil		HD161DPL GSI TP-18- CS-29-G7 26H0685-28 8/12/2026 11:40:00 AM Soil		HD161DPL GSI TP-19- CS-30-G4 26H0685-30 8/12/2026 11:50:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.0150		0.00320	U	0.00800		0.0130		0.00600		0.00220	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0120	U	0.0130	U	0.0130	U	0.0140	U	0.0110	U	0.00860	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Acetone	67-64-1	~	70,000	~	~	0.0970		0.00640	U	0.0540		0.0900		0.0390		0.00430	U
Acrolein	107-02-8	~	~	~	~	0.00580	U	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
Acrylonitrile	107-13-1	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Benzene	71-43-2	16	3	11	2.2	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromobenzene	108-86-1	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromochloromethane	74-97-5	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromoform	75-25-2	460	88	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Bromomethane	74-83-9	1,800	110	82	18	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Carbon disulfide	75-15-0	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chloroethane	75-00-3	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chloroform	67-66-3	13,000	780	~	590	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Chloromethane	74-87-3	~	~	1,200	270	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-17- CS-25-G8 26H0685-20 8/12/2026 11:00:00 AM Soil		HD161DPL GSI TP-17- CS-26-G2 26H0685-22 8/12/2026 11:10:00 AM Soil		HD161DPL GSI TP-17- CS-27-G2 26H0685-24 8/12/2026 11:20:00 AM Soil		HD161DPL GSI TP-18- CS-28-G6 26H0685-26 8/12/2026 11:30:00 AM Soil		HD161DPL GSI TP-18- CS-29-G7 26H0685-28 8/12/2026 11:40:00 AM Soil		HD161DPL GSI TP-19- CS-30-G4 26H0685-30 8/12/2026 11:50:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Cyclohexane	110-82-7	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Dibromomethane	74-95-3	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00460	U	0.00510	U	0.00530	U	0.00570	U	0.00440	U	0.00340	U
Ethanol	64-17-5	~	~	~	~	0.0460	U	0.0510	U	0.0530	U	0.0570	U	0.0440	U	0.0340	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00460	U	0.00510	U	0.00530	U	0.00570	U	0.00440	U	0.00340	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Iodomethane	74-88-4	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00580	U	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00580	U	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Styrene	100-42-5	260,000	16,000	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0460	U	0.0510	U	0.0530	U	0.0570	U	0.0440	U	0.0340	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00460	U	0.00510	U	0.00530	U	0.00570	U	0.00440	U	0.00340	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0140	U	0.0160	U	0.0170	U	0.0180	U	0.0140	U	0.0110	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00580	U	0.00640	U	0.00670	U	0.00710	U	0.00550	U	0.00430	U
Toluene	108-88-3	100,000	6,300	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Trichloroethylene	79-01-6	79	15	14	3	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Vinyl acetate	108-05-4	~	~	~	~	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00290	U	0.00320	U	0.00330	U	0.00350	U	0.00270	U	0.00220	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00870	U	0.00950	U	0.0100	U	0.0110	U	0.00820	U	0.00650	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-19- CS-31-G5 26H0685-32 8/12/2026 12:00:00 PM Soil		HD161DPL GSI TP-20- CS-32-G3 26H0685-34 8/12/2026 12:10:00 PM Soil		HD161DPL GSI TP-20- CS-33-G1 26H0685-36 8/12/2026 12:20:00 PM Soil		HD161DPL GSI TP-21- CS-34-G8 26H0685-38 8/12/2026 12:30:00 PM Soil		HD161DPL GSI TP-21- CS-35-G4 26H0685-40 8/12/2026 12:40:00 PM Soil		HD161DPL GSI TP-21- CS-36-G1 26H0685-42 8/12/2026 12:50:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.0200		0.0280		0.0230		0.00320	U	0.00340	U	0.00280	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0140	U	0.0140	U	0.0120	U	0.0130	U	0.0140	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Acetone	67-64-1	~	70,000	~	~	0.0910		0.150		0.130		0.00640	U	0.00680	U	0.00550	U
Acrolein	107-02-8	~	~	~	~	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U	0.00550	U
Acrylonitrile	107-13-1	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Benzene	71-43-2	16	3	11	2.2	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Bromobenzene	108-86-1	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Bromochloromethane	74-97-5	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Bromoform	75-25-2	460	88	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Bromomethane	74-83-9	1,800	110	82	18	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Carbon disulfide	75-15-0	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Chloroethane	75-00-3	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Chloroform	67-66-3	13,000	780	~	590	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Chloromethane	74-87-3	~	~	1,200	270	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-19- CS-31-G5 26H0685-32 8/12/2026 12:00:00 PM Soil		HD161DPL GSI TP-20- CS-32-G3 26H0685-34 8/12/2026 12:10:00 PM Soil		HD161DPL GSI TP-20- CS-33-G1 26H0685-36 8/12/2026 12:20:00 PM Soil		HD161DPL GSI TP-21- CS-34-G8 26H0685-38 8/12/2026 12:30:00 PM Soil		HD161DPL GSI TP-21- CS-35-G4 26H0685-40 8/12/2026 12:40:00 PM Soil		HD161DPL GSI TP-21- CS-36-G1 26H0685-42 8/12/2026 12:50:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Cyclohexane	110-82-7	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Dibromomethane	74-95-3	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00560	U	0.00570	U	0.00500	U	0.00510	U	0.00540	U	0.00440	U
Ethanol	64-17-5	~	~	~	~	0.0560	U	0.0570	U	0.0500	U	0.0510	U	0.0540	U	0.0440	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00560	U	0.00570	U	0.00500	U	0.00510	U	0.00540	U	0.00440	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Iodomethane	74-88-4	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U	0.00550	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U	0.00550	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Styrene	100-42-5	260,000	16,000	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0560	U	0.0570	U	0.0500	U	0.0510	U	0.0540	U	0.0440	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00560	U	0.00570	U	0.00500	U	0.00510	U	0.00540	U	0.00440	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0180	U	0.0180	U	0.0160	U	0.0160	U	0.0170	U	0.0140	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00710	U	0.00720	U	0.00620	U	0.00640	U	0.00680	U	0.00550	U
Toluene	108-88-3	100,000	6,300	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Trichloroethylene	79-01-6	79	15	14	3	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Vinyl acetate	108-05-4	~	~	~	~	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00350	U	0.00360	U	0.00310	U	0.00320	U	0.00340	U	0.00280	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.0110	U	0.0110	U	0.00940	U	0.00960	U	0.0100	U	0.00830	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-26- CS-37-G8 26H0685-44 8/12/2026 1:10:00 PM Soil		HD161DPL GSI TP-26- CS-38-G7 26H0685-46 8/12/2026 1:20:00 PM Soil		HD161DPL GSI TP-25- CS-39-G6 26H0685-48 8/12/2026 1:30:00 PM Soil		HD161DPL GSI TP-25- CS-40-G2 26H0685-50 8/12/2026 1:40:00 PM Soil		HD161DPL GSI TP-24- CS-41-G5 26H0685-52 8/12/2026 2:00:00 PM Soil		HD161DPL GSI TP-24- CS-42-G4 26H0685-54 8/12/2026 2:10:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.0130		0.00790		0.00790		0.00820		0.00350	U	0.00820	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0120	U	0.0120	U	0.0100	U	0.0140	U	0.0140	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Acetone	67-64-1	~	70,000	~	~	0.0610		0.0600		0.0500		0.0610		0.00700	U	0.0460	
Acrolein	107-02-8	~	~	~	~	0.00620	U	0.00600	U	0.00520	U	0.00690	U	0.00700	U	0.00540	U
Acrylonitrile	107-13-1	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Benzene	71-43-2	16	3	11	2.2	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Bromobenzene	108-86-1	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Bromochloromethane	74-97-5	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Bromoform	75-25-2	460	88	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Bromomethane	74-83-9	1,800	110	82	18	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Carbon disulfide	75-15-0	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Chloroethane	75-00-3	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Chloroform	67-66-3	13,000	780	~	590	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Chloromethane	74-87-3	~	~	1,200	270	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-26- CS-37-G8 26H0685-44 8/12/2026 1:10:00 PM Soil		HD161DPL GSI TP-26- CS-38-G7 26H0685-46 8/12/2026 1:20:00 PM Soil		HD161DPL GSI TP-25- CS-39-G6 26H0685-48 8/12/2026 1:30:00 PM Soil		HD161DPL GSI TP-25- CS-40-G2 26H0685-50 8/12/2026 1:40:00 PM Soil		HD161DPL GSI TP-24- CS-41-G5 26H0685-52 8/12/2026 2:00:00 PM Soil		HD161DPL GSI TP-24- CS-42-G4 26H0685-54 8/12/2026 2:10:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Cyclohexane	110-82-7	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Dibromomethane	74-95-3	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00490	U	0.00480	U	0.00410	U	0.00550	U	0.00560	U	0.00430	U
Ethanol	64-17-5	~	~	~	~	0.0490	U	0.0480	U	0.0410	U	0.0550	U	0.0560	U	0.0430	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00490	U	0.00480	U	0.00410	U	0.00550	U	0.00560	U	0.00430	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Iodomethane	74-88-4	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00620	U	0.00600	U	0.00520	U	0.00690	U	0.00700	U	0.00540	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00620	U	0.00600	U	0.00520	U	0.00690	U	0.00700	U	0.00540	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Styrene	100-42-5	260,000	16,000	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0490	U	0.0480	U	0.0410	U	0.0550	U	0.0560	U	0.0430	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00490	U	0.00480	U	0.00410	U	0.00550	U	0.00560	U	0.00430	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0150	U	0.0150	U	0.0130	U	0.0170	U	0.0170	U	0.0130	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00620	U	0.00600	U	0.00520	U	0.00690	U	0.00700	U	0.00540	U
Toluene	108-88-3	100,000	6,300	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Trichloroethylene	79-01-6	79	15	14	3	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Vinyl acetate	108-05-4	~	~	~	~	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00310	U	0.00300	U	0.00260	U	0.00340	U	0.00350	U	0.00270	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00930	U	0.00900	U	0.00780	U	0.0100	U	0.0100	U	0.00800	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-23-CS-43-G1 26H0771-02 8/13/2026 7:45:00 AM Soil		HD161DPL GSI TP-23-C3-44-G2 26H0771-04 8/13/2026 7:55:00 AM Soil		HD161DPL GSI TP-22-CS-45-G3 26H0771-06 8/13/2026 12:35:00 PM Soil		HD161DPL GSI TP-28-CS-46-G3 26H0771-08 8/13/2026 8:55:00 AM Soil		HD161DPL GSI TP-28-CS-47-G4 26H0771-10 8/13/2026 9:10:00 AM Soil		HD161DPL GSI TP-29-CF-48-G5 26H0771-12 8/13/2026 9:40:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0110	U	0.0110	U	0.0120	U	0.0110	U	0.0110	U	0.0110	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Acetone	67-64-1	~	70,000	~	~	0.00530	U	0.00560	U	0.00600	U	0.0290		0.00560	U	0.0380	
Acrolein	107-02-8	~	~	~	~	0.00530	U	0.00560	U	0.00600	U	0.00550	U	0.00560	U	0.00530	U
Acrylonitrile	107-13-1	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Benzene	71-43-2	16	3	11	2.2	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Bromobenzene	108-86-1	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Bromochloromethane	74-97-5	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Bromoform	75-25-2	460	88	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Bromomethane	74-83-9	1,800	110	82	18	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Carbon disulfide	75-15-0	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Chloroethane	75-00-3	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Chloroform	67-66-3	13,000	780	~	590	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Chloromethane	74-87-3	~	~	1,200	270	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-23-CS-43-G1 26H0771-02 8/13/2026 7:45:00 AM Soil		HD161DPL GSI TP-23-C3-44-G2 26H0771-04 8/13/2026 7:55:00 AM Soil		HD161DPL GSI TP-22-CS-45-G3 26H0771-06 8/13/2026 12:35:00 PM Soil		HD161DPL GSI TP-28-CS-46-G3 26H0771-08 8/13/2026 8:55:00 AM Soil		HD161DPL GSI TP-28-CS-47-G4 26H0771-10 8/13/2026 9:10:00 AM Soil		HD161DPL GSI TP-29-CF-48-G5 26H0771-12 8/13/2026 9:40:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Cyclohexane	110-82-7	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Dibromomethane	74-95-3	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00420	U	0.00440	U	0.00480	U	0.00440	U	0.00450	U	0.00430	U
Ethanol	64-17-5	~	~	~	~	0.0420	U	0.0440	U	0.0480	U	0.0440	U	0.0450	U	0.0430	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00420	U	0.00440	U	0.00480	U	0.00440	U	0.00450	U	0.00430	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Iodomethane	74-88-4	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00530	U	0.00560	U	0.00600	U	0.00550	U	0.00560	U	0.00530	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00530	U	0.00560	U	0.00600	U	0.00550	U	0.00560	U	0.00530	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Styrene	100-42-5	260,000	16,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0420	U	0.0440	U	0.0480	U	0.0440	U	0.0450	U	0.0430	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00420	U	0.00440	U	0.00480	U	0.00440	U	0.00450	U	0.00430	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0130	U	0.0140	U	0.0150	U	0.0140	U	0.0140	U	0.0130	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00530	U	0.00560	U	0.00600	U	0.00550	U	0.00560	U	0.00530	U
Toluene	108-88-3	100,000	6,300	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Trichloroethylene	79-01-6	79	15	14	3	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Vinyl acetate	108-05-4	~	~	~	~	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00260	U	0.00280	U	0.00300	U	0.00280	U	0.00280	U	0.00270	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00790	U	0.00830	U	0.00900	U	0.00830	U	0.00850	U	0.00800	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-29-CS-49-G6 26H0771-14 8/13/2026 9:50:00 AM Soil		HD161DPL GSI TP-29-CS-50-G7 26H0771-16 8/13/2026 10:25:00 AM Soil		HD161DPL GSI TP-28-CS-51-G8 26H0771-18 8/13/2026 11:15:00 AM Soil		HD161DPL GSI TP-30-CS-52-G1 26H0771-20 8/13/2026 10:45:00 AM Soil		HD161DPL GSI TP-30-CS-53-G2 26H0771-22 8/13/2026 10:55:00 AM Soil		HD161DPL GSI TP-30-CS-54-G3 26H0771-24 8/13/2026 11:05:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00620	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0100	U	0.0110	U	0.0100	U	0.0100	U	0.0130	U	0.00650	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Acetone	67-64-1	~	70,000	~	~	0.00600	J	0.0530		0.0610		0.00510	U	0.00630	U	0.0640	
Acrolein	107-02-8	~	~	~	~	0.00510	U	0.00540	U	0.00500	U	0.00510	U	0.00630	U	0.00320	U
Acrylonitrile	107-13-1	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Benzene	71-43-2	16	3	11	2.2	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Bromobenzene	108-86-1	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Bromochloromethane	74-97-5	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Bromoform	75-25-2	460	88	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Bromomethane	74-83-9	1,800	110	82	18	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Carbon disulfide	75-15-0	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Chloroethane	75-00-3	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Chloroform	67-66-3	13,000	780	~	590	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Chloromethane	74-87-3	~	~	1,200	270	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-29-CS-49-G6 26H0771-14 8/13/2026 9:50:00 AM Soil		HD161DPL GSI TP-29-CS-50-G7 26H0771-16 8/13/2026 10:25:00 AM Soil		HD161DPL GSI TP-28-CS-51-G8 26H0771-18 8/13/2026 11:15:00 AM Soil		HD161DPL GSI TP-30-CS-52-G1 26H0771-20 8/13/2026 10:45:00 AM Soil		HD161DPL GSI TP-30-CS-53-G2 26H0771-22 8/13/2026 10:55:00 AM Soil		HD161DPL GSI TP-30-CS-54-G3 26H0771-24 8/13/2026 11:05:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Cyclohexane	110-82-7	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Dibromomethane	74-95-3	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00400	U	0.00440	U	0.00400	U	0.00410	U	0.00500	U	0.00260	U
Ethanol	64-17-5	~	~	~	~	0.0400	U	0.0440	U	0.0400	U	0.0410	U	0.0500	U	0.0260	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00400	U	0.00440	U	0.00400	U	0.00410	U	0.00500	U	0.00260	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Iodomethane	74-88-4	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00510	U	0.00540	U	0.00500	U	0.00510	U	0.00630	U	0.00320	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00510	U	0.00540	U	0.00500	U	0.00510	U	0.00630	U	0.00320	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Styrene	100-42-5	260,000	16,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0400	U	0.0440	U	0.0400	U	0.0410	U	0.0500	U	0.0260	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00400	U	0.00440	U	0.00400	U	0.00410	U	0.00500	U	0.00260	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0130	U	0.0140	U	0.0130	U	0.0130	U	0.0160	U	0.00810	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00510	U	0.00540	U	0.00500	U	0.00510	U	0.00630	U	0.00320	U
Toluene	108-88-3	100,000	6,300	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Trichloroethylene	79-01-6	79	15	14	3	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Vinyl acetate	108-05-4	~	~	~	~	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00250	U	0.00270	U	0.00250	U	0.00260	U	0.00310	U	0.00160	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00760	U	0.00820	U	0.00750	U	0.00770	U	0.00940	U	0.00490	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-31-CS-55-G4 26H0771-26 8/13/2026 11:50:00 AM Soil		HD161DPL GSI TP-31-CS-56-G5 26H0771-28 8/13/2026 12:10:00 PM Soil		HD161DPL GSI TP-31-CS-57-G6 26H0771-30 8/13/2026 12:25:00 PM Soil		HD161DPL GSI TP-27-CS-58-G7 26H0771-32 8/13/2026 12:45:00 PM Soil		HD161DPL GSI TP-33-CS-59-G8 26H0771-34 8/13/2026 1:05:00 PM Soil		HD161DPL GSI TP-33-CS-60-G5 26H0771-36 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		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	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0110	U	0.0110	U	0.0120	U	0.0120	U	0.00950	U	0.0120	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Acetone	67-64-1	~	70,000	~	~	0.00530	U	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.0350	
Acrolein	107-02-8	~	~	~	~	0.00530	U	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
Acrylonitrile	107-13-1	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Benzene	71-43-2	16	3	11	2.2	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromobenzene	108-86-1	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromochloromethane	74-97-5	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromoform	75-25-2	460	88	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Bromomethane	74-83-9	1,800	110	82	18	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Carbon disulfide	75-15-0	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chloroethane	75-00-3	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chloroform	67-66-3	13,000	780	~	590	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Chloromethane	74-87-3	~	~	1,200	270	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-31-CS-55-G4 26H0771-26 8/13/2026 11:50:00 AM Soil		HD161DPL GSI TP-31-CS-56-G5 26H0771-28 8/13/2026 12:10:00 PM Soil		HD161DPL GSI TP-31-CS-57-G6 26H0771-30 8/13/2026 12:25:00 PM Soil		HD161DPL GSI TP-27-CS-58-G7 26H0771-32 8/13/2026 12:45:00 PM Soil		HD161DPL GSI TP-33-CS-59-G8 26H0771-34 8/13/2026 1:05:00 PM Soil		HD161DPL GSI TP-33-CS-60-G5 26H0771-36 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Cyclohexane	110-82-7	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Dibromomethane	74-95-3	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00430	U	0.00430	U	0.00460	U	0.00460	U	0.00380	U	0.00470	U
Ethanol	64-17-5	~	~	~	~	0.0430	U	0.0430	U	0.0460	U	0.0460	U	0.0380	U	0.0470	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00430	U	0.00430	U	0.00460	U	0.00460	U	0.00380	U	0.00470	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Iodomethane	74-88-4	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00530	U	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00530	U	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Styrene	100-42-5	260,000	16,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0430	U	0.0430	U	0.0460	U	0.0460	U	0.0380	U	0.0470	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00430	U	0.00430	U	0.00460	U	0.00460	U	0.00380	U	0.00470	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0130	U	0.0130	U	0.0140	U	0.0140	U	0.0120	U	0.0150	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00530	U	0.00540	U	0.00580	U	0.00580	U	0.00480	U	0.00590	U
Toluene	108-88-3	100,000	6,300	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Trichloroethylene	79-01-6	79	15	14	3	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Vinyl acetate	108-05-4	~	~	~	~	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00270	U	0.00270	U	0.00290	U	0.00290	U	0.00240	U	0.00290	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00800	U	0.00810	U	0.00860	U	0.00870	U	0.00710	U	0.00880	U

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

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 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-33-CS-61-G5 26H0771-38 8/13/2026 2:55:00 PM Soil		HD161DPL GSI TP-32-CS-62-G6 26H0771-40 8/13/2026 1:55:00 PM Soil		HD161DPL GSI TP-32-CS-63-G7 26H0771-42 8/13/2026 2:10:00 PM Soil		HD161DPL GSI TP-32-CS-64-G8 26H0771-44 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/kg	mg/kg	mg/kg	mg/kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,1-Trichloroethane	71-55-6	~	160,000	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,2,2-Tetrachloroethane	79-34-5	18	3.5	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1,2-Trichloroethane	79-00-5	64	12	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1-Dichloroethane	75-34-3	640	120	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1-Dichloroethylene	75-35-4	180	11	240	52	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,4-Trichlorobenzene	120-82-1	13,000	780	~	94	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2,4-Trimethylbenzene	95-63-6	13,000	780	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dibromo-3-chloropropane	96-12-8	4.5	0.87	0.12	0.026	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dibromoethane	106-93-4	1.8	0.35	0.41	0.085	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dichlorobenzene	95-50-1	110,000	6,700	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dichloroethane	107-06-2	30	5.8	320	71	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,2-Dichloropropane	78-87-5	98	19	27	5.7	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,3,5-Trimethylbenzene	108-67-8	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,3-Dichlorobenzene	541-73-1	110,000	6,700	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,3-Dichloropropane	142-28-9	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
1,4-Dichlorobenzene	106-46-7	13,000	780	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
2,2-Dichloropropane	594-20-7	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
2-Butanone	78-93-3	780,000	47,000	~	~	0.00410	J	0.00250	U	0.00240	U	0.00980	
2-Chloroethylvinyl ether	110-75-8	~	~	~	~	0.0110	U	0.0100	U	0.00970	U	0.0100	U
2-Chlorotoluene	95-49-8	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
2-Hexanone	591-78-6	6,500	390	~	1,000	0.00260	U	0.00250	U	0.00240	U	0.00250	U
4-Chlorotoluene	106-43-4	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Acetone	67-64-1	~	70,000	~	~	0.0560		0.00510	U	0.00490	U	0.0620	
Acrolein	107-02-8	~	~	~	~	0.00530	U	0.00510	U	0.00490	U	0.00510	U
Acrylonitrile	107-13-1	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Benzene	71-43-2	16	3	11	2.2	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromobenzene	108-86-1	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromochloromethane	74-97-5	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromodichloromethane	75-27-4	59	11	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromoform	75-25-2	460	88	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Bromomethane	74-83-9	1,800	110	82	18	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Carbon disulfide	75-15-0	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Carbon tetrachloride	56-23-5	40	7.6	6.9	1.4	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chlorobenzene	108-90-7	8,400	510	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chloroethane	75-00-3	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chloroform	67-66-3	13,000	780	~	590	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Chloromethane	74-87-3	~	~	1,200	270	0.00260	U	0.00250	U	0.00240	U	0.00250	U

Table 3A
Soil Analytical Results - NJDEP Comparison - VOCs
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS Inhalation - NonResidential	NJDEP SRS Inhalation - Residential	HD161DPL GSI TP-33-CS-61-G5 26H0771-38 8/13/2026 2:55:00 PM Soil		HD161DPL GSI TP-32-CS-62-G6 26H0771-40 8/13/2026 1:55:00 PM Soil		HD161DPL GSI TP-32-CS-63-G7 26H0771-42 8/13/2026 2:10:00 PM Soil		HD161DPL GSI TP-32-CS-64-G8 26H0771-44 8/13/2026 2:20:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		1	
cis-1,2-Dichloroethylene	156-59-2	13,000	780	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Cyclohexane	110-82-7	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Dibromochloromethane	124-48-1	43	8.3	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Dibromomethane	74-95-3	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Dichlorodifluoromethane	75-71-8	260,000	16,000	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Diisopropyl ether (DIPE)	108-20-3	~	~	~	~	0.00420	U	0.00410	U	0.00390	U	0.00410	U
Ethanol	64-17-5	~	~	~	~	0.0420	U	0.0410	U	0.0390	U	0.0410	U
Ethyl Benzene	100-41-4	130,000	7,800	48	10	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Ethyl tert-butyl ether (ETBE)	637-92-3	~	~	~	~	0.00420	U	0.00410	U	0.00390	U	0.00410	U
Hexachlorobutadiene	87-68-3	47	8.9	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Iodomethane	74-88-4	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Isopropylbenzene	98-82-8	130,000	7,800	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methyl acetate	79-20-9	~	78,000	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methyl Methacrylate	80-62-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methyl tert-butyl ether (MTBE)	1634-04-4	13,000	780	650	140	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methylcyclohexane	108-87-2	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Methylene chloride	75-09-2	260	50	~	1,400	0.00530	U	0.00510	U	0.00490	U	0.00510	U
Naphthalene	91-20-3	34,000	2,500	27	5.7	0.00260	U	0.00250	U	0.00240	U	0.00250	U
n-Butylbenzene	104-51-8	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
n-Propylbenzene	103-65-1	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
o-Xylene	95-47-6	190,000	12,000	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
p- & m- Xylenes	179601-23-1	190,000	12,000	~	~	0.00530	U	0.00510	U	0.00490	U	0.00510	U
p-Diethylbenzene	105-05-5	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
p-Ethyltoluene	622-96-8	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
p-Isopropyltoluene	99-87-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
sec-Butylbenzene	135-98-8	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Styrene	100-42-5	260,000	16,000	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
tert-Amyl alcohol (TAA)	75-85-4	~	~	~	~	0.0420	U	0.0410	U	0.0390	U	0.0410	U
tert-Amyl methyl ether (TAME)	994-05-8	~	~	~	~	0.00420	U	0.00410	U	0.00390	U	0.00410	U
tert-Butyl alcohol (TBA)	75-65-0	23,000	1,400	~	~	0.0130	U	0.0130	U	0.0120	U	0.0130	U
tert-Butylbenzene	98-06-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Tetrachloroethylene	127-18-4	1,700	330	~	47	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Tetrahydrofuran	109-99-9	~	~	~	~	0.00530	U	0.00510	U	0.00490	U	0.00510	U
Toluene	108-88-3	100,000	6,300	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
trans-1,2-Dichloroethylene	156-60-5	22,000	1,300	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Trichloroethylene	79-01-6	79	15	14	3	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Trichlorofluoromethane	75-69-4	390,000	23,000	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Vinyl acetate	108-05-4	~	~	~	~	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Vinyl Chloride	75-01-4	5.0	0.97	6.4	1.4	0.00260	U	0.00250	U	0.00240	U	0.00250	U
Xylenes, Total	1330-20-7	190,000	12,000	~	~	0.00790	U	0.00760	U	0.00730	U	0.00760	U

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

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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		10		1		1		1		5		1	
1,1-Biphenyl	92-52-4	87	450	~	~	0.0373	U	0.0364	U	0.0370	U	0.0486	U	0.0378	U	0.0369	U	0.0367	U	0.0380	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0305	U	0.0298	U	0.0302	U	0.0398	U	0.0309	U	0.0302	U	0.0300	U	0.0311	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0331	U	0.0323	U	0.0328	U	0.0431	U	0.0335	U	0.0327	U	0.0325	U	0.0337	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0285	U	0.0278	U	0.0283	U	0.0371	U	0.0289	U	0.0282	U	0.0280	U	0.0291	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0287	U	0.0280	U	0.0285	U	0.0374	U	0.0291	U	0.0284	U	0.0282	U	0.0293	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0333	U	0.0325	U	0.0330	U	0.0434	U	0.0337	U	0.0329	U	0.0328	U	0.0340	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0274	U	0.0268	U	0.0272	U	0.0357	U	0.0278	U	0.0271	U	0.0270	U	0.0280	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0431	U	0.0421	U	0.0427	U	0.0562	U	0.0437	U	0.0426	U	0.0424	U	0.0440	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0427	U	0.0417	U	0.0424	U	0.0557	U	0.0433	U	0.0423	U	0.0420	U	0.0436	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0276	U	0.0270	U	0.0274	U	0.0360	U	0.0280	U	0.0273	U	0.0272	U	0.0282	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0314	U	0.0307	U	0.0312	U	0.0410	U	0.0318	U	0.0311	U	0.0309	U	0.0321	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0391	U	0.0382	U	0.0387	U	0.0509	U	0.0396	U	0.0386	U	0.0384	U	0.0399	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0351	U	0.0343	U	0.0348	U	0.0457	U	0.0355	U	0.0347	U	0.0345	U	0.0358	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0341	U	0.0333	U	0.0339	U	0.0445	U	0.0346	U	0.0338	U	0.0336	U	0.0348	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0374	U	0.0366	U	0.0371	U	0.0488	U	0.0379	U	0.0370	U	0.0368	U	0.0382	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0299	U	0.0292	U	0.0297	U	0.0390	U	0.0303	U	0.0296	U	0.0294	U	0.0305	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0268	U	0.0262	U	0.0266	U	0.0350	U	0.0272	U	0.0265	U	0.0264	U	0.0274	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0276	U	0.0269	U	0.0546	J	0.0359	U	0.0279	U	0.0273	U	0.0271	U	0.0281	U
2-Methylphenol	95-48-7	320	4,600	~	~	0.0286	U	0.0280	U	0.0284	U	0.0373	U	0.0290	U	0.0283	U	0.0282	U	0.0292	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0254	U	0.0248	U	0.0252	U	0.0331	U	0.0257	U	0.0251	U	0.0250	U	0.0259	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0401	U	0.0392	U	0.0398	U	0.0523	U	0.0406	U	0.0397	U	0.0395	U	0.0409	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0281	U	0.0275	U	0.0279	U	0.0367	U	0.0285	U	0.0278	U	0.0277	U	0.0287	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0276	U	0.0269	U	0.0274	U	0.0360	U	0.0279	U	0.0273	U	0.0271	U	0.0282	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0341	U	0.0333	U	0.0339	U	0.0445	U	0.0346	U	0.0338	U	0.0336	U	0.0348	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0470	U	0.0459	U	0.0466	U	0.0613	U	0.0476	U	0.0465	U	0.0462	U	0.0480	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0371	U	0.0363	U	0.0368	U	0.0484	U	0.0376	U	0.0367	U	0.0365	U	0.0379	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0298	U	0.0291	U	0.0296	U	0.0388	U	0.0302	U	0.0295	U	0.0293	U	0.0304	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0283	U	0.0276	U	0.0280	U	0.0369	U	0.0286	U	0.0280	U	0.0278	U	0.0288	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0374	U	0.0365	U	0.0371	U	0.0487	U	0.0379	U	0.0370	U	0.0368	U	0.0381	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0322	U	0.0315	U	0.0320	U	0.0420	U	0.0327	U	0.0319	U	0.0317	U	0.0329	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0531	U	0.0519	U	0.0527	U	0.0692	U	0.0538	U	0.0525	U	0.0523	U	0.0542	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.0511	J	0.0325	U	0.247		0.0434	U	0.0337	U	0.0342	J	0.135		0.0789	J
Acenaphthylene	208-96-8	~	~	~	~	0.0640	J	0.0415	J	0.0507	J	0.0375	U	0.0291	U	0.0331	J	0.126		0.0367	J
Acetophenone	98-86-2	7,800	130,000	~	~	0.0275	U	0.0269	U	0.0273	U	0.0359	U	0.0279	U	0.0272	U	0.0271	U	0.0281	U
Aniline	62-53-3	~	~	~	~	0.0391	U	0.0382	U	0.0388	U	0.0510	U	0.0396	U	0.0387	U	0.0385	U	0.0399	U
Anthracene	120-12-7	18,000	250,000	~	~	0.194		0.0699	J	0.701		0.0392	U	0.0693	J	0.107		0.394		0.189	
Atrazine	1912-24-9	220	3,200	~	~	0.0321	U	0.0314	U	0.0319	U	0.0419	U	0.0326	U	0.0318	U	0.0316	U	0.0328	U
Benzaldehyde	100-52-7	170	910	~	~	0.0327	U	0.0319	U	0.0324	U	0.0426	U	0.0331	U	0.0323	U	0.0322	U	0.0334	U
Benzidine	92-87-5	~	~	~	~	0.0109	U	0.0106	U	0.0108	U	0.0142	U	0.0110	U	0.0108	U	0.0107	U	0.0111	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	0.669		0.284		1.310		0.121		0.245		0.379		1.190		0.571	
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	0.352		0.261		**0.596**		0.0985	J	0.116		0.205		**0.551**		0.280	
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	0.448		0.249		0.973		0.0929	J	0.167		0.290		0.837		0.409	
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	0.281		0.150		0.405		0.0521	J	0.0882	J	0.156		0.389		0.224	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	0.401		0.206		0.842		0.0816	J	0.154		0.283		0.734		0.359	
Benzoic acid	65-85-0	~	~	~	~	0.0378	U	0.0369	U	0.0375	U	0.0493	U	0.0383	U	0.0374	U	0.0372	U	0.0386	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0279	U	0.0273	U	0.0277	U	0.0364	U	0.0283	U	0.0276	U	0.0275	U	0.0285	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0392	U	0.0383	U	0.0389	U	0.0512	U	0.0398	U	0.0388	U	0.0386	U	0.0401	U
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0280	U	0.0274	U	0.0278	U	0.0365	U	0.0284	U	0.0277	U	0.0276	U	0.0286	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0209	U	0.0204	U	0.0207	U	0.0273	U	0.0212	U	0.0207	U	0.0206	U	0.0213	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0399	U	0.0390	U	0.0396	U	0.0520	U	0.0404	U	0.0394	U	0.0392	U	0.0407	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0388	U	0.112		0.0468	J	0.0506	U	0.0394	U	0.0384	U	0.639		0.0885	J
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0438	U	0.0428	U	0.0435	U	0.0572	U	0.0444	U	0.0434	U	0.0431	U	0.0447	U
Carbazole	86-74-8	~	~	~	~	0.0687	J	0.0292	U	0.268		0.0390	U	0.0303	U	0.0423	J	0.0754	J	0.0738	J
Chrysene	218-01-9	510	2,300	~	~	0.656		0.281		1.180		0.117		0.221		0.377		1.160		0.563	
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.111		0.0569	J	0.174		0.0352	U	0.0368	J	0.0626	J	0.153		0.0877	J
Dibenzofuran	132-64-9	~	~	~	~	0.0298	U	0.0291	U	0.167		0.0388	U	0.0301	U	0.0294	U	0.0612	J	0.0334	J
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0343	U	0.0335	U	0.0340	U	0.0447	U	0.0347	U	0.0339	U	3.550	D	0.0350	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0308	U	0.0301	U	0.0305	U	0.0401	U	0.0312	U	0.0304	U	0.0303	U	0.0314	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		10		1		1		1		5		1	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0378	U	0.0370	U	0.0375	U	0.0493	U	0.0383	U	0.0374	U	0.977		0.0386	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0288	U	0.0281	U	0.0286	U	0.0375	U	0.0292	U	0.0285	U	0.0283	U	0.0294	U
Fluoranthene	206-44-0	2,400	33,000	~	~	1.120		0.460		2.160	D	0.219		0.389		0.632		1.780	D	0.996	
Fluorene	86-73-7	2,400	33,000	~	~	0.0529	J	0.0332	U	0.229		0.0443	U	0.0345	U	0.0336	U	0.107		0.0650	J
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0364	U	0.0356	U	0.0362	U	0.0475	U	0.0369	U	0.0361	U	0.0359	U	0.0372	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0301	U	0.0294	U	0.0299	U	0.0392	U	0.0305	U	0.0298	U	0.0296	U	0.0307	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0452	U	0.0442	U	0.0449	U	0.0590	U	0.0458	U	0.0448	U	0.0445	U	0.0462	U
Hexachloroethane	67-72-1	17	91	~	~	0.0349	U	0.0341	U	0.0346	U	0.0455	U	0.0353	U	0.0345	U	0.0343	U	0.0356	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	0.328		0.168		0.497		0.0568	J	0.104		0.180		0.455		0.269	
Isophorone	78-59-1	570	2,700	~	~	0.0301	U	0.0294	U	0.0299	U	0.0393	U	0.0305	U	0.0298	U	0.0297	U	0.0308	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0314	U	0.0307	U	0.0589	J	0.0409	U	0.0318	U	0.0311	U	0.0309	U	0.0321	U
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0304	U	0.0297	U	0.0301	U	0.0396	U	0.0308	U	0.0301	U	0.0299	U	0.0310	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0392	U	0.0383	U	0.0389	U	0.0511	U	0.0397	U	0.0388	U	0.0386	U	0.0400	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0293	U	0.0287	U	0.0291	U	0.0383	U	0.0297	U	0.0290	U	0.0289	U	0.0299	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0362	U	0.0354	U	0.0360	U	0.0473	U	0.0367	U	0.0359	U	0.0357	U	0.0370	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0401	U	0.0391	U	0.0397	U	0.0522	U	0.0406	U	0.0396	U	0.0394	U	0.0409	U
Phenanthrene	85-01-8	~	~	~	~	0.685		0.213		2.100	D	0.153		0.233		0.365		1.050		0.642	
Phenol	108-95-2	19,000	270,000	39,000	~	0.0380	U	0.0371	U	0.0377	U	0.0495	U	0.0385	U	0.0376	U	0.0374	U	0.0387	U
Pyrene	129-00-0	1,800	25,000	~	~	1.310		0.538		2.280	D	0.263		0.460		0.772		2.090	D	1.130	
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	0.00549	D	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00997	D	0.00546	D
4,4'-DDD [2C]	72-54-8	~	~																		
4,4'-DDE	72-55-9	2	11	~	~	NT		0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00418	DP	0.00205	DP
4,4'-DDE [2C]	72-55-9	2	11	~	~	0.00183	U	NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00595	D	0.00357	U	0.00363	U	0.00471	U	0.00388	D	0.00358	U	0.00360	U	0.00373	U
Aldrin	309-00-2	0.041	0.21	~	~	0.00183	U	0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00180	U	0.00187	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00549	U	0.00536	U	0.00544	U	0.00706	U	0.00550	U	0.00537	U	0.00540	U	0.00560	U
alpha-Chlordane	5103-71-9	~	~	~	~	NT		0.00357	U	NT		0.00471	U	0.00367	U	0.00358	U	0.00491	D	0.00373	U
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	0.00366	U	NT		0.00363	U	NT		NT		NT		NT		NT	
beta-BHC	319-85-7	0.3	1.4	~	~	0.00823	U	0.00804	U	0.00816	U	0.0106	U	0.00826	U	0.00806	U	0.00810	U	0.00840	U
Chlordane, total	57-74-9	0.27	1.4	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
delta-BHC	319-86-8	~	~	~	~	0.00549	U	0.00536	U	0.00544	U	0.00706	U	0.00550	U	0.00537	U	0.00540	U	0.00560	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00183	U	0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00180	U	0.00187	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endrin	72-20-8	19	270	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Endrin aldehyde	7421-93-4	~	~	~	~	0.00549	U	0.00536	U	0.00544	U	0.00706	U	0.00550	U	0.00537	U	0.00540	U	0.00560	U
Endrin ketone	53494-70-5	~	~	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
gamma-Chlordane	5566-34-7	~	~	~	~	0.00420	D	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00367	DP	0.00373	U
Heptachlor	76-44-8	0.15	0.81	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~	0.00183	U	0.00179	U	0.00181	U	0.00235	U	0.00183	U	0.00179	U	0.00180	U	0.00187	U
Methoxychlor	72-43-5	320	4,600	~	~	0.00366	U	0.00357	U	0.00363	U	0.00471	U	0.00367	U	0.00358	U	0.00360	U	0.00373	U
Toxaphene	8001-35-2	0.49	2.3	~	~	0.0914	U	0.0893	U	0.0907	U	0.118	U	0.0917	U	0.0896	U	0.0900	U	0.0933	U
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1248	12672-29-6	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0193		0.0187	U
Aroclor 1260	11096-82-5	~	~	~	~	0.0196		0.0201		0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0180	U	0.0187	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0183	U	0.0179	U	0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0187		0.0187	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.0350		0.0355		0.0181	U	0.0235	U	0.0183	U	0.0179	U	0.0380		0.0299	

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Total Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	4,150		3,260		5,330		2,440		5,850		5,910		4,700		6,190	
Antimony	7440-36-0	31	520	~	~	2.300	U	2.250	U	2.280	U	3.010	U	2.310	U	2.250	U	2.230	U	2.350	U
Arsenic	7440-38-2	19	19	1,100	5,200	3.210		3.740		3.810		2.600		3.520		3.440		3.730		3.790	
Barium	7440-39-3	16,000	260,000	870,000	~	86		81.700		85.100		65.100		59.900		93.400		151		149	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.116		0.107		0.165		0.0610	U	0.205		0.159		0.139		0.180	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.534		0.467		0.849		0.361	U	0.277	U	0.325		0.517		0.423	
Calcium	7440-70-2	~	~	~	~	5,770		2,420		3,350		1,030		1,660		2,800		6,040		3,860	
Chromium	7440-47-3	~	~	~	~	10.100		11.700		12.100		8.250		15.800		27.900		14.900		16.500	
Cobalt	7440-48-4	23	390	520	2,500	3.210		3.430		4.760		2.430		6.050		5.850		4.040		5.840	
Copper	7440-50-8	3,100	52,000	~	~	28.400		40.900		28.500		24.200		22.600		28.900		42.200		43.200	
Iron	7439-89-6	~	~	~	~	13,200		8,680		12,200		6,270		11,900		11,100		9,980		12,300	
Lead	7439-92-1	200	800	~	~	144		156		172		185		115		138		177		**201**	
Magnesium	7439-95-4	~	~	~	~	2,310		1,370		1,970		869		2,550		2,510		2,790		2,500	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	134		91		175		72.800		276		246		160		193	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	11.600		13.100		21.700		8.850		37		36.800		21.200		33.700	
Potassium	7440-09-7	~	~	~	~	580		432		680		395		856		998		695		1,010	
Selenium	7782-49-2	390	6,500	~	~	2.300	U	2.250	U	2.280	U	3.010	U	2.310	U	2.250	U	2.230	U	2.350	U
Silver	7440-22-4	390	6,500	~	~	0.464	U	0.453	U	1.650		0.607	U	0.465	U	0.454	U	0.449	U	0.473	U
Sodium	7440-23-5	~	~	~	~	145		79.300		97.400		63.600		94.800		118		101		159	
Thallium	7440-28-0	~	~	~	~	1.840	U	1.800	U	1.830	U	2.410	U	1.850	U	1.810	U	1.790	U	1.880	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	14.400		16		17.500		21.200		20.600		86.400		17.400		19.800	
Zinc	7440-66-6	23,000	390,000	~	~	160		168		122		87.800		75.100		94.100		161		130	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.315		0.284		0.253		0.120		0.563		0.452		0.416		0.657	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.552	U	0.539	U	0.548	U	0.711	U	0.554	U	0.541	U	0.543	U	0.564	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.552	U	0.539	U	0.548	U	0.711	U	0.554	U	0.541	U	0.543	U	0.564	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	22.1		22.5		22.6		22.3		22.4		22.4		22.5		22.4	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	89		93		90		75		91		93		91		89	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	90.6	B	92.7	B	91.3	B	70.4	B	90.3	B	92.4	B	92	B	88.7	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil		HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		10		10		1		10		20	
1,1-Biphenyl	92-52-4	87	450	~	~	0.0458	U	0.0379	U	0.0398	U	0.0598	J	0.0389	U	0.0423	U	0.0392	U	0.0379	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0374	U	0.0310	U	0.0326	U	0.0325	U	0.0319	U	0.0346	U	0.0321	U	0.0310	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0406	U	0.0336	U	0.0353	U	0.0353	U	0.0346	U	0.0375	U	0.0348	U	0.0336	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0350	U	0.0290	U	0.0304	U	0.0304	U	0.0298	U	0.0323	U	0.0300	U	0.0290	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0352	U	0.0291	U	0.0306	U	0.0306	U	0.0300	U	0.0325	U	0.0302	U	0.0292	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0409	U	0.0338	U	0.0356	U	0.0355	U	0.0348	U	0.0377	U	0.0350	U	0.0338	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0337	U	0.0279	U	0.0293	U	0.0292	U	0.0286	U	0.0311	U	0.0289	U	0.0279	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0529	U	0.0438	U	0.0460	U	0.0459	U	0.0450	U	0.0489	U	0.0453	U	0.0438	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0525	U	0.0434	U	0.0456	U	0.0455	U	0.0446	U	0.0485	U	0.0450	U	0.0434	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0339	U	0.0281	U	0.0295	U	0.0294	U	0.0288	U	0.0313	U	0.0291	U	0.0281	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0386	U	0.0319	U	0.0336	U	0.0335	U	0.0328	U	0.0356	U	0.0331	U	0.0319	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0480	U	0.0397	U	0.0417	U	0.0416	U	0.0408	U	0.0443	U	0.0411	U	0.0397	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0431	U	0.0357	U	0.0375	U	0.0374	U	0.0367	U	0.0398	U	0.0369	U	0.0357	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0419	U	0.0347	U	0.0365	U	0.0364	U	0.0357	U	0.0387	U	0.0359	U	0.0347	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0460	U	0.0380	U	0.0400	U	0.0399	U	0.0391	U	0.0424	U	0.0394	U	0.0381	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0367	U	0.0304	U	0.0320	U	0.0319	U	0.0313	U	0.0339	U	0.0315	U	0.0304	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0329	U	0.0273	U	0.0287	U	0.0286	U	0.0280	U	0.0304	U	0.0282	U	0.0273	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0338	U	0.0280	U	0.0294	U	0.279		0.0288	U	0.0313	U	0.0424	J	0.0399	J
2-Methylphenol	95-48-7	320	4,600	~	~	0.0352	U	0.0291	U	0.0306	U	0.0305	U	0.0299	U	0.0325	U	0.0301	U	0.0291	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0312	U	0.0258	U	0.0271	U	0.0271	U	0.0265	U	0.0288	U	0.0267	U	0.0258	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0492	U	0.0408	U	0.0428	U	0.0428	U	0.0419	U	0.0455	U	0.0422	U	0.0408	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0345	U	0.0286	U	0.0301	U	0.0300	U	0.0294	U	0.0319	U	0.0296	U	0.0286	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0339	U	0.0280	U	0.0295	U	0.0294	U	0.0288	U	0.0313	U	0.0290	U	0.0280	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0419	U	0.0347	U	0.0365	U	0.0364	U	0.0357	U	0.0387	U	0.0359	U	0.0347	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0577	U	0.0477	U	0.0502	U	0.0501	U	0.0491	U	0.0533	U	0.0495	U	0.0478	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0456	U	0.0377	U	0.0397	U	0.0396	U	0.0388	U	0.0421	U	0.0391	U	0.0377	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0366	U	0.0303	U	0.0318	U	0.0318	U	0.0311	U	0.0338	U	0.0313	U	0.0303	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0347	U	0.0287	U	0.0302	U	0.0301	U	0.0295	U	0.0321	U	0.0297	U	0.0287	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0459	U	0.0380	U	0.0399	U	0.0398	U	0.0391	U	0.0424	U	0.0393	U	0.0380	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0396	U	0.0327	U	0.0344	U	0.0344	U	0.0337	U	0.0365	U	0.0339	U	0.0328	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0652	U	0.0540	U	0.0567	U	0.0566	U	0.0555	U	0.0602	U	0.0559	U	0.0540	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.0530	J	0.0921		0.0392	J	0.598		0.162		0.0378	U	0.122		0.294	
Acenaphthylene	208-96-8	~	~	~	~	0.0353	U	0.0340	J	0.0346	J	0.143		0.177		0.0326	U	0.0939	J	0.220	
Acetophenone	98-86-2	7,800	130,000	~	~	0.0338	U	0.0280	U	0.0294	U	0.0294	U	0.0288	U	0.0312	U	0.0290	U	0.0280	U
Aniline	62-53-3	~	~	~	~	0.0480	U	0.0397	U	0.0418	U	0.0417	U	0.0409	U	0.0444	U	0.0412	U	0.0398	U
Anthracene	120-12-7	18,000	250,000	~	~	0.140		0.201		0.108		1.240		0.616		0.0481	J	0.361		0.551	
Atrazine	1912-24-9	220	3,200	~	~	0.0395	U	0.0327	U	0.0343	U	0.0343	U	0.0336	U	0.0364	U	0.0338	U	0.0327	U
Benzaldehyde	100-52-7	170	910	~	~	0.0402	U	0.0332	U	0.0349	U	0.0349	U	0.0342	U	0.0371	U	0.0344	U	0.0332	U
Benzidine	92-87-5	~	~	~	~	0.0133	U	0.0110	U	0.0116	U	0.0116	U	0.0114	U	0.0123	U	0.0114	U	0.0110	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	0.436		0.760		0.420		2.420	D	2.240	D	0.157		1.190		2.320	D
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	0.255		0.491		0.386		**1.250**		**1.740**	D	0.134		**1.010**		**2.550**	D
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	0.358		0.718		0.353		1.530	D	1.570	D	0.0902	J	0.873		2.190	D
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	0.246		0.463		0.249		1.060		1.070		0.0910	J	0.534		1.530	E
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	0.318		0.585		0.320		1.510	D	1.420	D	0.100	J	0.791		1.580	E
Benzoic acid	65-85-0	~	~	~	~	0.0464	U	0.0384	U	0.0404	U	0.0403	U	0.0395	U	0.0429	U	0.0398	U	0.0384	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0343	U	0.0283	U	0.0298	U	0.0297	U	0.0292	U	0.0316	U	0.0294	U	0.0284	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0482	U	0.0399	U	0.0523	J	0.0418	U	0.0410	U	0.0445	U	0.0413	U	0.0399	U
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0344	U	0.0285	U	0.0299	U	0.0299	U	0.0293	U	0.0318	U	0.0295	U	0.0285	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0257	U	0.0212	U	0.0223	U	0.0223	U	0.0218	U	0.0237	U	0.0220	U	0.0213	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0490	U	0.0405	U	0.0426	U	0.0425	U	0.0417	U	0.0452	U	0.0420	U	0.0405	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0477	U	0.0621	J	0.0415	U	0.127		0.0756	J	0.0440	U	0.219		0.0395	U
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0538	U	0.0445	U	0.0468	U	0.0467	U	0.0458	U	0.0497	U	0.0461	U	0.0446	U
Carbazole	86-74-8	~	~	~	~	0.0539	J	0.0658	J	0.0377	J	0.385		0.139		0.0339	U	0.120		0.159	
Chrysene	218-01-9	510	2,300	~	~	0.410		0.763		0.415		2.250	D	2.050	D	0.159		1.200		2.110	D
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.0901	J	0.166		0.0869	J	0.422		0.455		0.0306	U	0.199		0.152	
Dibenzofuran	132-64-9	~	~	~	~	0.0365	U	0.0302	U	0.0318	U	0.309		0.0556	J	0.0337	U	0.0534	J	0.128	
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0421	U	0.0348	U	0.0366	U	0.0365	U	0.0358	U	0.0388	U	0.0361	U	0.0348	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0378	U	0.0313	U	0.0329	U	0.0328	U	0.0321	U	0.0349	U	0.0324	U	0.0313	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil		HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						1		1		1		10		10		1		10		20	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0465	U	0.0385	U	0.0404	U	0.158		0.0395	U	0.0429	U	0.0666	J	0.0385	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0353	U	0.0292	U	0.0308	U	0.0307	U	0.0301	U	0.0326	U	0.0303	U	0.0293	U
Fluoranthene	206-44-0	2,400	33,000	~	~	0.723		1.290		0.744		4.070	D	3.350	D	0.270		1.620	D	4.550	D
Fluorene	86-73-7	2,400	33,000	~	~	0.0418	U	0.0486	J	0.0363	U	0.568		0.127		0.0386	U	0.103		0.166	
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0448	U	0.0370	U	0.0389	U	0.0389	U	0.0381	U	0.0413	U	0.0384	U	0.0371	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0370	U	0.0306	U	0.0322	U	0.0321	U	0.0315	U	0.0341	U	0.0317	U	0.0306	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0556	U	0.0460	U	0.0483	U	0.0482	U	0.0473	U	0.0513	U	0.0476	U	0.0460	U
Hexachloroethane	67-72-1	17	91	~	~	0.0428	U	0.0354	U	0.0373	U	0.0372	U	0.0364	U	0.0396	U	0.0367	U	0.0355	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	0.266		0.493		0.267		1.270		1.310		0.0922	J	0.601		1.540	E
Isophorone	78-59-1	570	2,700	~	~	0.0370	U	0.0306	U	0.0322	U	0.0321	U	0.0315	U	0.0342	U	0.0317	U	0.0306	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0386	U	0.0319	U	0.0336	U	0.514		0.0328	U	0.0356	U	0.0689	J	0.0483	J
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0373	U	0.0309	U	0.0325	U	0.0324	U	0.0317	U	0.0345	U	0.0320	U	0.0309	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0481	U	0.0398	U	0.0419	U	0.0418	U	0.0409	U	0.0444	U	0.0412	U	0.0398	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0360	U	0.0298	U	0.0314	U	0.0313	U	0.0307	U	0.0333	U	0.0309	U	0.0298	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0445	U	0.0368	U	0.0387	U	0.0386	U	0.0379	U	0.0411	U	0.0381	U	0.0368	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0492	U	0.0407	U	0.0428	U	0.0427	U	0.0419	U	0.0454	U	0.0422	U	0.0407	U
Phenanthrene	85-01-8	~	~	~	~	0.436		0.543		0.341		3.730	D	1.500	D	0.168		1.190		1.690	E
Phenol	108-95-2	19,000	270,000	39,000	~	0.0466	U	0.0386	U	0.0406	U	0.0405	U	0.0397	U	0.0431	U	0.0400	U	0.0386	U
Pyrene	129-00-0	1,800	25,000	~	~	0.777		1.340		0.753		4.860	D	3.810	D	0.308		2.180	D	3.890	D
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	0.0150	D	0.0144	D	0.0150	D	0.0236	D	0.00381	U	0.00829	D	0.0105	D	0.00367	U
4,4'-DDD [2C]	72-54-8	~	~																	NT	
4,4'-DDE	72-55-9	2	11	~	~	0.00666	D	0.00494	D	0.00668	D	0.00612	D	0.00667	D	0.00285	D	0.00415	D	0.00183	U
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00666	U	0.00464	DP	0.00626	DP	0.00456	DP	0.00596	DP	0.00418	DP	0.00384	U	0.00367	U
Aldrin	309-00-2	0.041	0.21	~	~	0.00333	U	0.00183	U	0.00193	U	0.00194	U	0.00190	U	0.00207	U	0.00192	U	0.00183	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00999	U	0.00550	U	0.00578	U	0.00583	U	0.00571	U	0.00622	U	0.00575	U	0.00550	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.00698	D	0.00795	D	NT		0.00651	D	0.00955	D	0.00415	U	0.00453	D	0.00367	U
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		NT		0.00386	U	NT		NT		NT		NT		NT	
beta-BHC	319-85-7	0.3	1.4	~	~	0.0150	U	0.00825	U	0.00868	U	0.00874	U	0.00857	U	0.00933	U	0.00863	U	0.00826	U
Chlordane, total	57-74-9	0.27	1.4	~	~	0.0713	D	0.0621	DP	0.0406	D	0.0438	DP	0.0190	U	0.0207	U	0.0192	U		
delta-BHC	319-86-8	~	~	~	~	0.00999	U	0.00550	U	0.00578	U	0.00583	U	0.00571	U	0.00622	U	0.00575	U	0.00550	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00333	U	0.00183	U	0.00193	U	0.00194	U	0.00190	U	0.00207	U	0.00192	U	0.00183	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endrin	72-20-8	19	270	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Endrin aldehyde	7421-93-4	~	~	~	~	0.00999	U	0.00550	U	0.00578	U	0.00583	U	0.00571	U	0.00622	U	0.00575	U		
Endrin ketone	53494-70-5	~	~	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U		
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
gamma-Chlordane	5566-34-7	~	~	~	~	0.00936	D	0.00932	D	0.00408	D	0.00816	D	0.0110	D	0.00415	U	0.00509	D		
Heptachlor	76-44-8	0.15	0.81	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U	0.00367	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~	0.00333	U	0.00183	U	0.00221	D	0.00269	D	0.00190	U	0.00207	U	0.00192	U		
Methoxychlor	72-43-5	320	4,600	~	~	0.00666	U	0.00367	U	0.00386	U	0.00389	U	0.00381	U	0.00415	U	0.00384	U		
Toxaphene	8001-35-2	0.49	2.3	~	~	0.167	U	0.0917	U	0.0964	U	0.0972	U	0.0952	U	0.104	U	0.0959	U		
PCB, 8082 MASTER						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 / 5000 / 50	
Aroclor 1016	12674-11-2	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0462		0.0268		0.0298		0.0299		0.0311		0.0207	U	0.0513		2740 / Rerun 32.4	D
Aroclor 1248	12672-29-6	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0639		0.0375		0.0345		0.0401		0.0453		0.0406		0.0465		0.0183	U
Aroclor 1260	11096-82-5	~	~	~	~	0.0485		0.0266		0.0257		0.0301		0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0333	U	0.0183	U	0.0193	U	0.0194	U	0.0190	U	0.0207	U	0.0192	U	0.0183	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.159		0.0908		0.0900		0.100		0.0764		0.0588		0.0977		***2740 /Rerun 32.4**	D

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil		HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	7,970		6,310		6,780		6,590		7,230		7,390		6,870		7,370	
Antimony	7440-36-0	31	520	~	~	2.790	U	2.310	U	2.470	U	2.370	U	2.400	U	2.570	U	2.410	U	2.230	U
Arsenic	7440-38-2	19	19	1,100	5,200	6.020		3.990		6.530		6.900		5.490		6.920		5.420		5.450	
Barium	7440-39-3	16,000	260,000	870,000	~	181		117		270		258		139		245		130		170	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.205		0.174		0.198		0.228		0.198		0.220		2.910		0.282	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.669		0.388		0.987		1.230		0.345		1.050		0.830		0.420	
Calcium	7440-70-2	~	~	~	~	5,740		7,570		5,430		8,950		13,700		6,750		6,750		21,000	
Chromium	7440-47-3	~	~	~	~	19.800		15.600		20.200		20.300		16.900		18.400		17.500		23.700	
Cobalt	7440-48-4	23	390	520	2,500	8.020		5.530		5.410		6.510		5.310		6.100		5.450		6.350	
Copper	7440-50-8	3,100	52,000	~	~	74.500		51.200		90.100		88.900		33.500		59		30.400		37.400	
Iron	7439-89-6	~	~	~	~	18,400		11,500		15,400		17,200		12,200		17,100		11,300		17,500	
Lead	7439-92-1	200	800	~	~	729		217		360		**362**		**213**		**390**		**232**		**346**	
Magnesium	7439-95-4	~	~	~	~	3,100		2,900		2,270		2,720		2,870		2,910		2,320		8,020	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	244		193		157		193		199		249		182		264	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	38.500		23.800		25.100		28.200		22.800		21.800		21.400		29.100	
Potassium	7440-09-7	~	~	~	~	1,350		909		883		860		1,040		1,020		1,070		985	
Selenium	7782-49-2	390	6,500	~	~	2.790	U	2.310	U	2.470	U	2.370	U	2.400	U	2.570	U	2.410	U	2.230	U
Silver	7440-22-4	390	6,500	~	~	0.591		0.465	U	0.997		0.861		0.483	U	0.554		0.487	U	0.450	U
Sodium	7440-23-5	~	~	~	~	151		132		155		144		186		237		145		176	
Thallium	7440-28-0	~	~	~	~	2.240	U	1.850	U	1.980	U	1.900	U	1.920	U	2.060	U	1.930	U	1.790	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	33.200		31.600		24.900		22.700		20.900		32.400		23.700		37	
Zinc	7440-66-6	23,000	390,000	~	~	216		156		318		323		167		348		193		193	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.651		0.592		0.610		0.817		0.564		0.493		0.439		0.602	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.669	U	0.554	U	0.582	U	0.587	U	0.575	U	0.626	U	0.579	U	0.554	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.669	U	0.554	U	0.582	U	0.587	U	0.575	U	0.626	U	0.579	U	0.554	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	22.1		22.9		22.1		22.3		22.3		22		22.1		22.2	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	75		89		87		86		89		71		75		88	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	74.7	B	90.3	B	85.9	B	85.2	B	86.9	B	79.8	B	86.3	B	90.2	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil		HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		1		5		5	
1,1-Biphenyl	92-52-4	87	450	~	~	0.0386	U	0.0377	U	0.0391	U	0.0388	U	0.0400	U	0.0374	U	0.0434	U	0.0382	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0316	U	0.0308	U	0.0320	U	0.0317	U	0.0327	U	0.0306	U	0.0355	U	0.0313	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0343	U	0.0334	U	0.0347	U	0.0344	U	0.0355	U	0.0332	U	0.0385	U	0.0339	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0295	U	0.0288	U	0.0299	U	0.0297	U	0.0306	U	0.0286	U	0.0332	U	0.0292	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0297	U	0.0290	U	0.0301	U	0.0299	U	0.0308	U	0.0288	U	0.0334	U	0.0294	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0345	U	0.0336	U	0.0350	U	0.0346	U	0.0357	U	0.0334	U	0.0387	U	0.0341	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0284	U	0.0277	U	0.0288	U	0.0285	U	0.0294	U	0.0275	U	0.0319	U	0.0281	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0447	U	0.0435	U	0.0453	U	0.0448	U	0.0462	U	0.0432	U	0.0502	U	0.0442	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0443	U	0.0432	U	0.0449	U	0.0445	U	0.0459	U	0.0429	U	0.0497	U	0.0438	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0286	U	0.0279	U	0.0290	U	0.0287	U	0.0296	U	0.0277	U	0.0321	U	0.0283	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0326	U	0.0318	U	0.0330	U	0.0327	U	0.0337	U	0.0315	U	0.0366	U	0.0322	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0405	U	0.0395	U	0.0410	U	0.0406	U	0.0419	U	0.0392	U	0.0455	U	0.0400	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0364	U	0.0355	U	0.0369	U	0.0365	U	0.0377	U	0.0352	U	0.0408	U	0.0360	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0354	U	0.0345	U	0.0359	U	0.0355	U	0.0366	U	0.0343	U	0.0397	U	0.0350	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0388	U	0.0378	U	0.0393	U	0.0390	U	0.0402	U	0.0376	U	0.0436	U	0.0384	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0310	U	0.0302	U	0.0314	U	0.0311	U	0.0321	U	0.0300	U	0.0348	U	0.0307	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0278	U	0.0271	U	0.0282	U	0.0279	U	0.0288	U	0.0269	U	0.0312	U	0.0275	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0500	J	0.0335	J	0.0408	J	0.0287	U	0.0296	U	0.0277	U	0.0321	U	0.0283	U
2-Methylphenol	95-48-7	320	4,600	~	~	0.0297	U	0.0290	U	0.0301	U	0.0298	U	0.0307	U	0.0287	U	0.0333	U	0.0294	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0263	U	0.0257	U	0.0267	U	0.0264	U	0.0273	U	0.0255	U	0.0296	U	0.0260	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0416	U	0.0405	U	0.0421	U	0.0417	U	0.0430	U	0.0402	U	0.0467	U	0.0411	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0292	U	0.0284	U	0.0296	U	0.0293	U	0.0302	U	0.0282	U	0.0328	U	0.0288	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0286	U	0.0279	U	0.0290	U	0.0287	U	0.0296	U	0.0277	U	0.0321	U	0.0283	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0354	U	0.0345	U	0.0359	U	0.0355	U	0.0366	U	0.0343	U	0.0397	U	0.0350	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0487	U	0.0475	U	0.0494	U	0.0489	U	0.0504	U	0.0472	U	0.0547	U	0.0482	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0385	U	0.0375	U	0.0390	U	0.0386	U	0.0398	U	0.0373	U	0.0432	U	0.0381	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0309	U	0.0301	U	0.0313	U	0.0310	U	0.0320	U	0.0299	U	0.0347	U	0.0305	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0293	U	0.0286	U	0.0297	U	0.0294	U	0.0303	U	0.0284	U	0.0329	U	0.0290	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0388	U	0.0378	U	0.0393	U	0.0389	U	0.0401	U	0.0375	U	0.0435	U	0.0383	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0334	U	0.0326	U	0.0339	U	0.0335	U	0.0346	U	0.0323	U	0.0375	U	0.0330	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0551	U	0.0537	U	0.0558	U	0.0553	U	0.0570	U	0.0533	U	0.0618	U	0.0544	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.348		0.172		0.206		0.104		0.131		0.0334	U	0.264		0.273	
Acenaphthylene	208-96-8	~	~	~	~	0.183		0.0833	J	0.291		0.123		0.0911	J	0.0697	J	0.213		0.114	
Acetophenone	98-86-2	7,800	130,000	~	~	0.0286	U	0.0278	U	0.0289	U	0.0287	U	0.0296	U	0.0276	U	0.0321	U	0.0282	U
Aniline	62-53-3	~	~	~	~	0.0406	U	0.0395	U	0.0411	U	0.0407	U	0.0420	U	0.0393	U	0.0455	U	0.0401	U
Anthracene	120-12-7	18,000	250,000	~	~	0.723		0.433		0.635		0.318		0.273		0.142		0.748		0.486	
Atrazine	1912-24-9	220	3,200	~	~	0.0333	U	0.0325	U	0.0338	U	0.0334	U	0.0345	U	0.0323	U	0.0374	U	0.0329	U
Benzaldehyde	100-52-7	170	910	~	~	0.0339	U	0.0331	U	0.0344	U	0.0340	U	0.0351	U	0.0328	U	0.0381	U	0.0335	U
Benzidine	92-87-5	~	~	~	~	0.0113	U	0.0110	U	0.0114	U	0.0113	U	0.0117	U	0.0109	U	0.0127	U	0.0111	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	2.110	D	1.290		2.080	D	1.230		0.880		0.558		2.380	D	1.640	D
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	**1.020**	D	**1.380**		**1.840**	D	**1.410**		**1**		**0.669**		**2.710**	D	**1.810**	D
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	1.370	D	1.210		1.510	D	1.260		0.851		0.657		2.260	D	1.580	D
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	1.190		0.643		1.290		0.659		0.469		0.353		1.440		0.900	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	1.300		0.936		1.350		0.922		0.652		0.416		1.540		1.280	
Benzoic acid	65-85-0	~	~	~	~	0.0392	U	0.0382	U	0.0397	U	0.0393	U	0.0406	U	0.0379	U	0.0440	U	0.0388	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0289	U	0.0282	U	0.0293	U	0.0290	U	0.0299	U	0.0280	U	0.0325	U	0.0286	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0407	U	0.0397	U	0.0412	U	0.0409	U	0.0421	U	0.0394	U	0.0457	U	0.0402	U
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0291	U	0.0283	U	0.0294	U	0.0292	U	0.0301	U	0.0281	U	0.0326	U	0.0287	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0217	U	0.0211	U	0.0220	U	0.0218	U	0.0224	U	0.0210	U	0.0243	U	0.0214	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0413	U	0.0403	U	0.0419	U	0.0415	U	0.0428	U	0.0400	U	0.0464	U	0.0409	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0403	U	0.0567	J	0.135		0.0929	J	0.0417	U	0.0462	J	0.0452	U	0.0682	J
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0455	U	0.0443	U	0.0461	U	0.0456	U	0.0470	U	0.0440	U	0.0510	U	0.0449	U
Carbazole	86-74-8	~	~	~	~	0.238		0.185		0.217		0.103		0.102		0.0394	J	0.260		0.185	
Chrysene	218-01-9	510	2,300	~	~	1.970	D	1.150		2.050	D	1.120		0.816		0.508		2.170	D	1.690	E
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.121		0.0742	J	0.134		0.0734	J	0.0417	J	0.0401	J	0.159		0.110	
Dibenzofuran	132-64-9	~	~	~	~	0.140		0.0753	J	0.116		0.0483	J	0.0319	U	0.0299	U	0.142		0.0893	J
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0355	U	0.0346	U	0.0360	U	0.0357	U	0.0368	U	0.0344	U	0.0399	U	0.0351	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0319	U	0.0311	U	0.0323	U	0.0320	U	0.0330	U	0.0309	U	0.0358	U	0.0315	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil		HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		1		5		5	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0392	U	0.0383	U	0.0398	U	0.0394	U	0.0876	J	0.0380	U	0.0441	U	0.0388	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0298	U	0.0291	U	0.0302	U	0.0300	U	0.0309	U	0.0289	U	0.0335	U	0.0295	U
Fluoranthene	206-44-0	2,400	33,000	~	~	3.830	D	2.320	D	3.610	D	2.130	D	1.650	D	0.946		4.530	D	3.500	D
Fluorene	86-73-7	2,400	33,000	~	~	0.269		0.160		0.205		0.0955		0.139		0.0341	U	0.241		0.150	
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0378	U	0.0368	U	0.0383	U	0.0379	U	0.0391	U	0.0366	U	0.0424	U	0.0374	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0312	U	0.0304	U	0.0316	U	0.0313	U	0.0323	U	0.0302	U	0.0350	U	0.0309	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0469	U	0.0457	U	0.0475	U	0.0471	U	0.0486	U	0.0454	U	0.0527	U	0.0464	U
Hexachloroethane	67-72-1	17	91	~	~	0.0362	U	0.0353	U	0.0366	U	0.0363	U	0.0374	U	0.0350	U	0.0406	U	0.0358	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	1.210		0.675		1.320		0.684		0.469		0.347		1.510		0.950	
Isophorone	78-59-1	570	2,700	~	~	0.0313	U	0.0305	U	0.0317	U	0.0314	U	0.0324	U	0.0303	U	0.0351	U	0.0309	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0608	J	0.0644	J	0.0624	J	0.0327	U	0.0471	J	0.0315	U	0.0444	J	0.0332	J
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0315	U	0.0307	U	0.0319	U	0.0316	U	0.0326	U	0.0305	U	0.0354	U	0.0311	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0406	U	0.0396	U	0.0412	U	0.0408	U	0.0421	U	0.0393	U	0.0456	U	0.0402	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0304	U	0.0297	U	0.0308	U	0.0305	U	0.0315	U	0.0294	U	0.0342	U	0.0301	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0376	U	0.0366	U	0.0381	U	0.0377	U	0.0389	U	0.0364	U	0.0422	U	0.0372	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0415	U	0.0405	U	0.0421	U	0.0417	U	0.0430	U	0.0402	U	0.0466	U	0.0411	U
Phenanthrene	85-01-8	~	~	~	~	2.310	D	1.610	E	2.010	D	1.090		1.170		0.346		2.080	D	1.620	E
Phenol	108-95-2	19,000	270,000	39,000	~	0.0394	U	0.0384	U	0.0399	U	0.0395	U	0.0407	U	0.0381	U	0.0442	U	0.0389	U
Pyrene	129-00-0	1,800	25,000	~	~	4.080	D	2.360	D	4.020	D	1.760	D	1.620	E	0.843		3.740	D	2.800	D
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	0.0368	D	0.00832	D	0.00797	D	0.0140	D	0.0154	D	0.00361	U	NT		NT	
4,4'-DDD [2C]	72-54-8	~	~			NT		NT		NT		NT		NT		NT		0.0176	DP	0.0144	D
4,4'-DDE	72-55-9	2	11	~	~	0.00967	D	0.00219	D	0.00343	D	0.00439	D	0.00730	D	0.00180	U	0.0143	DP	0.00794	DP
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00837	DP	0.00449	DP	0.00407	DP	0.00376	U	0.00676	DP	0.00361	U	0.00823	U	0.00471	DP
Aldrin	309-00-2	0.041	0.21	~	~	0.00187	U	0.00182	U	0.00190	U	0.00188	U	0.00193	U	0.00180	U	0.00412	U	0.00184	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00561	U	0.00547	U	0.00569	U	0.00563	U	0.00579	U	0.00542	U	0.0124	U	0.00553	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.0194	D	0.00365	U	0.00576	D	0.00521	D	0.00386	U	0.00361	U	0.0269	D	0.0162	D
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		NT		NT		NT		NT		NT		NT		NT	
beta-BHC	319-85-7	0.3	1.4	~	~	0.00842	U	0.00821	U	0.00853	U	0.00845	U	0.00869	U	0.00812	U	0.0185	U	0.00830	U
Chlordane, total	57-74-9	0.27	1.4	~	~																
delta-BHC	319-86-8	~	~	~	~	0.00561	U	0.00547	U	0.00569	U	0.00563	U	0.00579	U	0.00542	U	0.0124	U	0.00553	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00187	U	0.00182	U	0.00190	U	0.00188	U	0.00193	U	0.00180	U	0.00412	U	0.00184	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endrin	72-20-8	19	270	~	~	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Endrin aldehyde	7421-93-4	~	~	~	~																
Endrin ketone	53494-70-5	~	~	~	~																
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
gamma-Chlordane	5566-34-7	~	~	~	~																
Heptachlor	76-44-8	0.15	0.81	~	~	0.00374	U	0.00365	U	0.00379	U	0.00376	U	0.00386	U	0.00361	U	0.00823	U	0.00369	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~																
Methoxychlor	72-43-5	320	4,600	~	~																
Toxaphene	8001-35-2	0.49	2.3	~	~																
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0675		0.0229		0.0234	P	0.0554		0.118		0.0180	U	0.0412	U	0.102	
Aroclor 1248	12672-29-6	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0614		0.0193		0.0563		0.0447		0.120		0.0180	U	0.134	P	0.0721	
Aroclor 1260	11096-82-5	~	~	~	~	0.0399		0.0182	U	0.0190	U	0.0323		0.0891		0.0180	U	0.0412	U	0.0184	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0187	U	0.0182	U	0.0190	U	0.0188	U	0.0193	U	0.0180	U	0.0412	U	0.0184	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.169		0.0587		0.0797		0.132		**0.327**		0.0232		0.134	P	0.174	

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil		HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	7,680		4,670		7,090		7,190		5,590		6,920		5,600		7,640	
Antimony	7440-36-0	31	520	~	~	2.320	U	2.260	U	2.310	U	2.290	U	2.350	U	2.270	U	2.680	U	2.280	U
Arsenic	7440-38-2	19	19	1,100	5,200	7.040		3.090		5.710		8.690		6.860		4		9.860		5.190	
Barium	7440-39-3	16,000	260,000	870,000	~	172		136		186		180		294		77.900		157		147	
Beryllium	7440-41-7	160	2,600	2,000	9,300	3.080		0.265		0.218		0.260		0.221		0.174		0.153		0.230	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.889		0.614		0.683		0.704		1.130		0.273	U	0.557		0.411	
Calcium	7440-70-2	~	~	~	~	11,300		11,900		9,760		10,600		14,900		4,430		10,600		8,130	
Chromium	7440-47-3	~	~	~	~	17.700		13.100		18.700		18.100		31.400		20.700		12.700		16.900	
Cobalt	7440-48-4	23	390	520	2,500	16.700		4.220		19		11.700		5.350		6.530		5.210		7.250	
Copper	7440-50-8	3,100	52,000	~	~	86.600		54.700		55.800		69		113		29.900		33.900		46.300	
Iron	7439-89-6	~	~	~	~	15,900		10,200		14,700		15,700		18,300		13,300		12,800		14,900	
Lead	7439-92-1	200	800	~	~	**336**		**302**		**330**		**297**		**474**		110		**326**		**257**	
Magnesium	7439-95-4	~	~	~	~	3,410		6,130		3,300		4,070		6,980		3,850		2,850		3,480	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	206		162		200		199		188		229		146		225	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	42.500		19.500		26.500		21.500		20.100		44		21.200		33.400	
Potassium	7440-09-7	~	~	~	~	1,000		574		971		933		701		1,450		636		1,130	
Selenium	7782-49-2	390	6,500	~	~	2.320	U	2.260	U	2.310	U	2.290	U	2.350	U	2.270	U	2.680	U	2.280	U
Silver	7440-22-4	390	6,500	~	~	0.519		0.455	U	0.465	U	0.467		1.060		0.458	U	0.540	U	0.460	U
Sodium	7440-23-5	~	~	~	~	202		145		153		159		183		120		159		183	
Thallium	7440-28-0	~	~	~	~	1.860	U	1.810	U	1.850	U	1.830	U	1.880	U	1.820	U	2.150	U	1.830	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	32.200		48.600		23.100		21.500		20.600		28.700		17.100		36.100	
Zinc	7440-66-6	23,000	390,000	~	~	422		180		276		274		355		97.800		292		158	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.994		0.385		0.704		0.452		1.380		0.381		0.980		0.624	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.565	U	0.551	U	0.573	U	0.567	U	0.583	U	0.545	U	0.632	U	0.557	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.567	U	0.551	U	0.573	U	0.565	U	0.583	U	0.545	U	0.632	U	0.557	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	22.2		22		22.2		22.2		22.2		22.3		20.8		21	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	87		89		87		88		87		92		74		90	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	88.5	B	90.8	B	87.3	B	88.1	B	85.8	B	91.7	B	79.1	B	89.8	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil		HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		10		10		5		1		1		1		1	
1,1-Biphenyl	92-52-4	87	450	~	~	0.0385	U	0.0418	J	0.0389	U	0.0389	U	0.0420	U	0.0380	U	0.0389	U	0.0387	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0315	U	0.0322	U	0.0318	U	0.0318	U	0.0343	U	0.0311	U	0.0318	U	0.0316	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0342	U	0.0349	U	0.0345	U	0.0345	U	0.0373	U	0.0338	U	0.0345	U	0.0343	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0294	U	0.0301	U	0.0297	U	0.0297	U	0.0321	U	0.0291	U	0.0297	U	0.0296	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0296	U	0.0303	U	0.0300	U	0.0299	U	0.0323	U	0.0293	U	0.0299	U	0.0298	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0344	U	0.0351	U	0.0348	U	0.0347	U	0.0375	U	0.0340	U	0.0347	U	0.0345	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0283	U	0.0289	U	0.0286	U	0.0286	U	0.0309	U	0.0280	U	0.0286	U	0.0284	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0445	U	0.0455	U	0.0450	U	0.0449	U	0.0485	U	0.0440	U	0.0450	U	0.0447	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0441	U	0.0451	U	0.0446	U	0.0446	U	0.0481	U	0.0436	U	0.0446	U	0.0443	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0285	U	0.0291	U	0.0288	U	0.0288	U	0.0311	U	0.0282	U	0.0288	U	0.0286	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0325	U	0.0331	U	0.0328	U	0.0328	U	0.0354	U	0.0321	U	0.0328	U	0.0326	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0404	U	0.0412	U	0.0408	U	0.0407	U	0.0440	U	0.0399	U	0.0408	U	0.0405	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0363	U	0.0370	U	0.0366	U	0.0366	U	0.0395	U	0.0358	U	0.0366	U	0.0364	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0353	U	0.0360	U	0.0356	U	0.0356	U	0.0385	U	0.0349	U	0.0356	U	0.0354	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0387	U	0.0395	U	0.0391	U	0.0390	U	0.0422	U	0.0382	U	0.0391	U	0.0388	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0309	U	0.0316	U	0.0312	U	0.0312	U	0.0337	U	0.0305	U	0.0312	U	0.0310	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0277	U	0.0283	U	0.0280	U	0.0280	U	0.0302	U	0.0274	U	0.0280	U	0.0278	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0439	J	0.157		0.0943		0.0293	J	0.0311	U	0.0281	U	0.0288	U	0.0286	U
2-Methylphenol	95-48-7	320	4,600	~	~	0.0296	U	0.0302	U	0.0299	U	0.0299	U	0.0323	U	0.0292	U	0.0299	U	0.0297	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0262	U	0.0268	U	0.0265	U	0.0265	U	0.0286	U	0.0259	U	0.0265	U	0.0264	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0414	U	0.0423	U	0.0419	U	0.0418	U	0.0452	U	0.0409	U	0.0419	U	0.0416	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0291	U	0.0297	U	0.0294	U	0.0293	U	0.0317	U	0.0287	U	0.0294	U	0.0292	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0285	U	0.0291	U	0.0288	U	0.0288	U	0.0311	U	0.0282	U	0.0288	U	0.0286	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0353	U	0.0360	U	0.0356	U	0.0356	U	0.0385	U	0.0349	U	0.0356	U	0.0354	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0486	U	0.0496	U	0.0491	U	0.0490	U	0.0529	U	0.0480	U	0.0491	U	0.0488	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0384	U	0.0392	U	0.0388	U	0.0387	U	0.0418	U	0.0379	U	0.0388	U	0.0385	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0308	U	0.0314	U	0.0311	U	0.0311	U	0.0336	U	0.0304	U	0.0311	U	0.0309	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0292	U	0.0298	U	0.0295	U	0.0295	U	0.0318	U	0.0289	U	0.0295	U	0.0293	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0386	U	0.0394	U	0.0390	U	0.0390	U	0.0421	U	0.0382	U	0.0390	U	0.0388	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0333	U	0.0340	U	0.0336	U	0.0336	U	0.0363	U	0.0329	U	0.0336	U	0.0334	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0549	U	0.0560	U	0.0555	U	0.0554	U	0.0598	U	0.0542	U	0.0554	U	0.0551	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.355		0.897		0.434		0.233		0.0523	J	0.0340	U	0.0522	J	0.0346	U
Acenaphthylene	208-96-8	~	~	~	~	0.226		0.379		0.191		0.0683	J	0.0324	U	0.0294	U	0.0300	U	0.0399	J
Acetophenone	98-86-2	7,800	130,000	~	~	0.0285	U	0.0291	U	0.0288	U	0.0287	U	0.0310	U	0.0281	U	0.0288	U	0.0286	U
Aniline	62-53-3	~	~	~	~	0.0404	U	0.0413	U	0.0408	U	0.0408	U	0.0441	U	0.0399	U	0.0408	U	0.0406	U
Anthracene	120-12-7	18,000	250,000	~	~	0.721		2.350	D	1.040		0.468		0.103		0.0459	J	0.125		0.0903	J
Atrazine	1912-24-9	220	3,200	~	~	0.0332	U	0.0339	U	0.0336	U	0.0335	U	0.0362	U	0.0328	U	0.0336	U	0.0334	U
Benzaldehyde	100-52-7	170	910	~	~	0.0338	U	0.0345	U	0.0341	U	0.0341	U	0.0368	U	0.0334	U	0.0341	U	0.0339	U
Benzidine	92-87-5	~	~	~	~	0.0112	U	0.0115	U	0.0113	U	0.0113	U	0.0122	U	0.0111	U	0.0113	U	0.0113	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	1.930	D	**6.410**	D	2.810	D	1.590	E	0.360		0.240		0.405		0.366	
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	**2.140**	D	**6.500**	D	**3**	D	**1.850**	E	0.388		0.292		0.455		0.420	
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	1.810	D	**5.230**	D	2.820	D	1.670	E	0.329		0.264		0.383		0.378	
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	1.070		3	D	1.780	D	0.979		0.229		0.169		0.242		0.235	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	1.420		3.610	D	2.010	D	1.160		0.269		0.184		0.277		0.281	
Benzoic acid	65-85-0	~	~	~	~	0.0391	U	0.0399	U	0.0395	U	0.0394	U	0.0426	U	0.0386	U	0.0395	U	0.0392	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0288	U	0.0294	U	0.0291	U	0.0291	U	0.0314	U	0.0285	U	0.0291	U	0.0290	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0406	U	0.0414	U	0.0410	U	0.0409	U	0.0442	U	0.0401	U	1.800		0.0407	U
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0290	U	0.0296	U	0.0293	U	0.0292	U	0.0316	U	0.0286	U	0.0293	U	0.0291	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0216	U	0.0221	U	0.0218	U	0.0218	U	0.0235	U	0.0213	U	0.0218	U	0.0217	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0412	U	0.0421	U	0.0416	U	0.0416	U	0.0449	U	0.0407	U	0.0416	U	0.0414	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.542		0.0410	U	0.0406	U	0.0405	U	0.0438	U	0.0397	U	0.0405	U	0.0403	U
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0453	U	0.0463	U	0.0458	U	0.0457	U	0.0494	U	0.0448	U	0.0458	U	0.0455	U
Carbazole	86-74-8	~	~	~	~	0.169		0.288		0.381		0.195		0.0417	J	0.0306	U	0.0515	J	0.0358	J
Chrysene	218-01-9	510	2,300	~	~	1.760	D	5.650	D	2.580	D	1.480		0.325		0.224		0.371		0.345	
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.118		0.359		0.193		0.0975		0.0304	U	0.0275	U	0.0282	U	0.0280	U
Dibenzofuran	132-64-9	~	~	~	~	0.167		0.360		0.270		0.0844	J	0.0335	U	0.0304	U	0.0311	U	0.0309	U
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0354	U	0.0361	U	0.0358	U	0.0357	U	0.0386	U	0.0350	U	0.0358	U	0.0355	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0318	U	0.0325	U	0.0321	U	0.0321	U	0.0347	U	0.0314	U	0.0321	U	0.0319	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil		HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		10		10		5		1		1		1		1	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0391	U	0.0399	U	0.0395	U	0.0395	U	0.143		0.0386	U	0.284		0.0393	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.118		0.0304	U	0.0301	U	0.0300	U	0.0324	U	0.0294	U	0.0300	U	0.0299	U
Fluoranthene	206-44-0	2,400	33,000	~	~	4.240	D	13.100	D	5.960	D	3.300	D	0.749		0.391		0.795		0.680	
Fluorene	86-73-7	2,400	33,000	~	~	0.368		1.030		0.364		0.152		0.0385	J	0.0347	U	0.0488	J	0.0353	U
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0377	U	0.0385	U	0.0381	U	0.0380	U	0.0411	U	0.0372	U	0.0380	U	0.0378	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0311	U	0.0318	U	0.0314	U	0.0314	U	0.0339	U	0.0307	U	0.0314	U	0.0312	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0468	U	0.0477	U	0.0472	U	0.0472	U	0.0510	U	0.0462	U	0.0472	U	0.0470	U
Hexachloroethane	67-72-1	17	91	~	~	0.0360	U	0.0368	U	0.0364	U	0.0364	U	0.0393	U	0.0356	U	0.0364	U	0.0362	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	1.150		2.960	D	1.690	D	0.978		0.222		0.168		0.230		0.230	
Isophorone	78-59-1	570	2,700	~	~	0.0311	U	0.0318	U	0.0315	U	0.0314	U	0.0340	U	0.0308	U	0.0315	U	0.0313	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0413	J	0.0968		0.121		0.0405	J	0.0354	U	0.0321	U	0.0328	U	0.0326	U
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0314	U	0.0321	U	0.0317	U	0.0317	U	0.0342	U	0.0310	U	0.0317	U	0.0315	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0405	U	0.0413	U	0.0409	U	0.0409	U	0.0441	U	0.0400	U	0.0409	U	0.0407	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0303	U	0.0310	U	0.0306	U	0.0306	U	0.0331	U	0.0300	U	0.0306	U	0.0305	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0374	U	0.0382	U	0.0378	U	0.0378	U	0.0408	U	0.0370	U	0.0378	U	0.0376	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0414	U	0.0423	U	0.0418	U	0.0418	U	0.0451	U	0.0409	U	0.0418	U	0.0416	U
Phenanthrene	85-01-8	~	~	~	~	1.750	D	7.100	D	3.130	D	1.720	E	0.366		0.165		0.465		0.329	
Phenol	108-95-2	19,000	270,000	39,000	~	0.0392	U	0.0401	U	0.0396	U	0.0396	U	0.0428	U	0.0388	U	0.0396	U	0.0394	U
Pyrene	129-00-0	1,800	25,000	~	~	3.670	D	11.900	D	4.810	D	2.570	D	0.670		0.350		0.711		0.598	
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	NT		NT		NT		NT		NT		NT		0.00995	D	0.00863	D
4,4'-DDD [2C]	72-54-8	~	~			0.0416	D	0.0214	D	0.0351	D	0.0197	D	0.0216	D	0.00552	D	NT		NT	
4,4'-DDE	72-55-9	2	11	~	~	0.0126	DP	0.00932	D	0.0111	DP	0.00841	D	0.00621	D	NT		0.00279	D	0.00344	DP
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		NT		0.00184	U	NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00495	DP	0.00525	DP	0.00467	DP	0.00489	DP	0.00405	U	0.00367	U	0.00376	U	0.00427	D
Aldrin	309-00-2	0.041	0.21	~	~	0.00186	U	0.00190	U	0.00188	U	0.00188	U	0.00203	U	0.00184	U	0.00188	U	0.00187	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00558	U	0.00569	U	0.00563	U	0.00563	U	0.00608	U	0.00551	U	0.00563	U	0.00560	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.0263	D	NT		0.0210	D	0.0158	D	0.00759	D	NT		0.00376	U	NT	
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		0.0118	DP	NT		NT		NT		0.00444	DP	NT		0.00373	U
beta-BHC	319-85-7	0.3	1.4	~	~	0.00836	U	0.00854	U	0.00845	U	0.00844	U	0.00912	U	0.00826	U	0.00845	U	0.00840	U
Chlordane, total	57-74-9	0.27	1.4	~	~																
delta-BHC	319-86-8	~	~	~	~	0.00558	U	0.00569	U	0.00563	U	0.00563	U	0.00608	U	0.00551	U	0.00563	U	0.00560	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00186	U	0.00190	U	0.00188	U	0.00188	U	0.00203	U	0.00184	U	0.00188	U	0.00187	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endrin	72-20-8	19	270	~	~	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Endrin aldehyde	7421-93-4	~	~	~	~																
Endrin ketone	53494-70-5	~	~	~	~																
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
gamma-Chlordane	5566-34-7	~	~	~	~																
Heptachlor	76-44-8	0.15	0.81	~	~	0.00372	U	0.00380	U	0.00376	U	0.00375	U	0.00405	U	0.00367	U	0.00376	U	0.00373	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~																
Methoxychlor	72-43-5	320	4,600	~	~																
Toxaphene	8001-35-2	0.49	2.3	~	~																
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0650		0.0385		0.0575		0.0382		0.0431		0.0184	U	0.0188	U	0.0187	U
Aroclor 1248	12672-29-6	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0861		0.0530		0.0551		0.0672		0.0445		0.0254		0.0188	U	0.0187	U
Aroclor 1260	11096-82-5	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0219		0.0271	
Aroclor 1262	37324-23-5	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0203	U	0.0184	U	0.0188	U	0.0187	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0186	U	0.0190	U	0.0188	U	0.0188	U	0.0272		0.0184	U	0.0188	U	0.0245	
Total PCBs	1336-36-3	0.25	1.1	~	~	0.151		0.0915		0.113		0.105		0.115		0.0254		0.0219		0.0516	

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil		HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	9,140		11,300		7,920		8,370		6,560		7,100		6,110		7,590	
Antimony	7440-36-0	31	520	~	~	2.300	U	2.350	U	2.360	U	2.360	U	2.550	U	2.310	U	2.360	U	2.310	U
Arsenic	7440-38-2	19	19	1,100	5,200	6.630		10.500		5.450		7.140		6.440		3.800		8.290		5.720	
Barium	7440-39-3	16,000	260,000	870,000	~	217		162		149		167		233		71.700		340		315	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.229		0.200		0.228		0.293		0.270		0.220		0.351		0.249	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.469		0.348		0.388		0.557		0.806		0.277	U	1.110		0.665	
Calcium	7440-70-2	~	~	~	~	40,000		10,200		11,100		13,600		7,240		3,300		10,000		4,350	
Chromium	7440-47-3	~	~	~	~	19.300		42.600		15.900		19.600		18		16		28.800		20.100	
Cobalt	7440-48-4	23	390	520	2,500	5.800		9.380		5.910		20.500		5.410		7.060		**68.600**		6.270	
Copper	7440-50-8	3,100	52,000	~	~	39.600		35.400		35.400		66.700		82.700		24.800		194		69.100	
Iron	7439-89-6	~	~	~	~	20,000		20,900		14,300		18,800		15,800		13,000		22,200		17,400	
Lead	7439-92-1	200	800	~	~	**347**		**235**		**284**		**308**		**410**		93.700		**377**		**266**	
Magnesium	7439-95-4	~	~	~	~	4,400		6,190		3,280		4,750		2,150		3,180		2,860		3,080	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	298		377		205		259		190		266		169		214	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	23.200		43.100		26.300		29.900		24.100		44.200		21.300		52	
Potassium	7440-09-7	~	~	~	~	1,070		2,860		1,090		1,040		883		1,090		758		981	
Selenium	7782-49-2	390	6,500	~	~	2.300	U	2.350	U	2.360	U	2.360	U	2.550	U	2.310	U	2.360	U	2.310	U
Silver	7440-22-4	390	6,500	~	~	0.464	U	0.474	U	0.476	U	0.476	U	0.694		0.466	U	0.832		0.582	
Sodium	7440-23-5	~	~	~	~	247		183		156		215		226		125		208		176	
Thallium	7440-28-0	~	~	~	~	1.840	U	1.880	U	1.890	U	1.890	U	2.040	U	1.850	U	1.890	U	1.850	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	24.400		41.600		25		29.400		33		22.500		23.600		30.200	
Zinc	7440-66-6	23,000	390,000	~	~	181		198		156		285		267		73.300		656		226	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.849		0.826		1.090		0.563		1.080		0.585		0.853		0.732	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.561	U	0.573	U	0.567	U	0.567	U	0.612	U	0.555	U	0.567	U	0.564	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.561	U	0.573	U	0.567	U	0.567	U	0.612	U	0.555	U	0.567	U	0.564	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	21.1		21.5		21.6		21.5		21.7		21.8		21.8		22.3	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	86		81		88		87		85		92		87		90	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	89.1	B	87.2	B	88.2	B	88.3	B	81.7	B	90.2	B	88.2	B	88.7	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	CAS Number					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						50		1		1		1		1		1		2		10	
1,1-Biphenyl	92-52-4	87	450	~	~	0.424		0.0373	U	0.0400	U	0.0367	U	0.0383	U	0.0395	U	0.0381	U	0.0377	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0322	U	0.0305	U	0.0328	U	0.0300	U	0.0313	U	0.0323	U	0.0311	U	0.0308	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0349	U	0.0331	U	0.0355	U	0.0325	U	0.0340	U	0.0351	U	0.0338	U	0.0335	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0301	U	0.0285	U	0.0306	U	0.0280	U	0.0293	U	0.0302	U	0.0291	U	0.0288	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0303	U	0.0287	U	0.0308	U	0.0282	U	0.0295	U	0.0304	U	0.0293	U	0.0290	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0351	U	0.0333	U	0.0358	U	0.0327	U	0.0342	U	0.0353	U	0.0340	U	0.0337	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0289	U	0.0274	U	0.0295	U	0.0270	U	0.0282	U	0.0291	U	0.0280	U	0.0277	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0455	U	0.0431	U	0.0463	U	0.0424	U	0.0443	U	0.0457	U	0.0440	U	0.0436	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0451	U	0.0427	U	0.0459	U	0.0420	U	0.0439	U	0.0453	U	0.0436	U	0.0432	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0291	U	0.0276	U	0.0297	U	0.0272	U	0.0284	U	0.0293	U	0.0282	U	0.0279	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0332	U	0.0314	U	0.0338	U	0.0309	U	0.0323	U	0.0333	U	0.0321	U	0.0318	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0412	U	0.0391	U	0.0420	U	0.0384	U	0.0401	U	0.0414	U	0.0399	U	0.0395	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0370	U	0.0351	U	0.0377	U	0.0345	U	0.0361	U	0.0372	U	0.0358	U	0.0355	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0360	U	0.0341	U	0.0367	U	0.0336	U	0.0351	U	0.0362	U	0.0349	U	0.0345	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0395	U	0.0374	U	0.0402	U	0.0368	U	0.0385	U	0.0397	U	0.0382	U	0.0379	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0316	U	0.0299	U	0.0321	U	0.0294	U	0.0307	U	0.0317	U	0.0305	U	0.0303	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0283	U	0.0268	U	0.0288	U	0.0264	U	0.0276	U	0.0285	U	0.0274	U	0.0271	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	3	D	0.0389	J	0.0296	U	0.0271	U	0.0283	U	0.0292	U	0.0281	U	0.0451	J
2-Methylphenol	95-48-7	320	4,600	~	~	0.0302	U	0.0286	U	0.0308	U	0.0282	U	0.0294	U	0.0304	U	0.0292	U	0.0290	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0268	U	0.0254	U	0.0273	U	0.0250	U	0.0261	U	0.0270	U	0.0259	U	0.0257	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0423	U	0.0401	U	0.0431	U	0.0394	U	0.0412	U	0.0425	U	0.0410	U	0.0406	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0297	U	0.0281	U	0.0302	U	0.0277	U	0.0289	U	0.0298	U	0.0287	U	0.0285	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.208		0.0276	U	0.0296	U	0.0271	U	0.0283	U	0.0293	U	0.0282	U	0.0279	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0360	U	0.0341	U	0.0367	U	0.0336	U	0.0351	U	0.0362	U	0.0349	U	0.0345	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0496	U	0.0470	U	0.0505	U	0.0462	U	0.0483	U	0.0499	U	0.0480	U	0.0475	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0392	U	0.0371	U	0.0399	U	0.0365	U	0.0381	U	0.0394	U	0.0379	U	0.0376	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0314	U	0.0298	U	0.0320	U	0.0293	U	0.0306	U	0.0316	U	0.0304	U	0.0301	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0298	U	0.0283	U	0.0304	U	0.0278	U	0.0290	U	0.0300	U	0.0289	U	0.0286	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0395	U	0.0374	U	0.0402	U	0.0368	U	0.0384	U	0.0397	U	0.0382	U	0.0378	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0340	U	0.0322	U	0.0346	U	0.0317	U	0.0331	U	0.0342	U	0.0329	U	0.0326	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0561	U	0.0531	U	0.0571	U	0.0522	U	0.0546	U	0.0563	U	0.0542	U	0.0537	U
Acenaphthene	83-32-9	3,600	50,000	~	~	2.450	D	0.0831	J	0.0506	J	0.0328	U	0.0724	J	0.0420	J	0.101		0.257	
Acenaphthylene	208-96-8	~	~	~	~	1.010		0.0414	J	0.0483	J	0.0283	U	0.0340	J	0.0305	U	0.0511	J	0.110	
Acetophenone	98-86-2	7,800	130,000	~	~	0.0291	U	0.0275	U	0.0296	U	0.0271	U	0.0283	U	0.0292	U	0.0281	U	0.0279	U
Aniline	62-53-3	~	~	~	~	0.0413	U	0.0391	U	0.0420	U	0.0385	U	0.0402	U	0.0415	U	0.0399	U	0.0396	U
Anthracene	120-12-7	18,000	250,000	~	~	8.200	D	0.197		0.122		0.0296	U	0.195		0.0950	J	0.246		0.761	
Atrazine	1912-24-9	220	3,200	~	~	0.0339	U	0.0321	U	0.0345	U	0.0316	U	0.0330	U	0.0341	U	0.0328	U	0.0325	U
Benzaldehyde	100-52-7	170	910	~	~	0.0345	U	0.0327	U	0.0351	U	0.0322	U	0.0336	U	0.0347	U	0.0334	U	0.0331	U
Benzidine	92-87-5	~	~	~	~	0.0115	U	0.0109	U	0.0117	U	0.0107	U	0.0112	U	0.0115	U	0.0111	U	0.0110	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	**9.660**	D	0.560		0.444		0.0782	J	0.604		0.379		0.883		2.020	D
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	**8.280**	D	**0.622**		**0.558**		0.104		**0.611**		0.389		**0.946**		**2.060**	D
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	**6.460**	D	0.534		0.479		0.0860	J	0.517		0.337		0.820		1.770	E
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	3.720	D	0.323		0.297		0.0566	J	0.282		0.205		0.434		0.632	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	5.040	D	0.429		0.372		0.0669	J	0.404		0.267		0.580		0.910	
Benzoic acid	65-85-0	~	~	~	~	0.0399	U	0.0378	U	0.0406	U	0.0372	U	0.0388	U	0.0401	U	0.0386	U	0.0383	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0294	U	0.0279	U	0.0300	U	0.0274	U	0.0287	U	0.0296	U	0.0285	U	0.0282	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0414	U	0.0393	U	0.0422	U	0.0386	U	0.0403	U	0.0416	U	0.0401	U	11.900	D
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0296	U	0.0280	U	0.0301	U	0.0276	U	0.0288	U	0.0297	U	0.0286	U	0.0284	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0221	U	0.0209	U	0.0225	U	0.0206	U	0.0215	U	0.0222	U	0.0213	U	0.0212	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0421	U	0.0399	U	0.0428	U	0.0392	U	0.0410	U	0.0423	U	0.0407	U	0.0404	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0410	U	0.0388	U	0.0417	U	0.0382	U	0.0399	U	0.0412	U	0.0397	U	0.843	
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0463	U	0.0438	U	0.0471	U	0.0431	U	0.0450	U	0.0465	U	0.0448	U	0.0444	U
Carbazole	86-74-8	~	~	~	~	2.010	D	0.0943		0.0584	J	0.0294	U	0.0835	J	0.0424	J	0.112		0.130	
Chrysene	218-01-9	510	2,300	~	~	8.640	D	0.542		0.422		0.0757	J	0.513		0.352		0.763		1.710	E
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.315		0.0331	J	0.0336	J	0.0265	U	0.0303	J	0.0286	U	0.0481	J	0.0724	J
Dibenzofuran	132-64-9	~	~	~	~	2.790	D	0.0543	J	0.0320	U	0.0293	U	0.0388	J	0.0316	U	0.0525	J	0.126	
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0362	U	0.0343	U	0.0368	U	0.0337	U	0.0352	U	0.0363	U	0.0350	U	0.0347	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0325	U	0.0308	U	0.0331	U	0.0303	U	0.0316	U	0.0326	U	0.0314	U	0.0311	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						50		1		1		1		1		1		2		10	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0400	U	0.0379	U	0.0407	U	0.0372	U	0.0389	U	0.0402	U	0.0386	U	0.0513	J
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0304	U	0.0288	U	0.0309	U	0.0283	U	0.0296	U	0.0305	U	0.0294	U	0.487	
Fluoranthene	206-44-0	2,400	33,000	~	~	26.400	D	1.340		0.940		0.143		1.330		0.790		1.960	D	4.640	D
Fluorene	86-73-7	2,400	33,000	~	~	6.100	D	0.0853	J	0.0472	J	0.0334	U	0.0688	J	0.0378	J	0.0753	J	0.224	
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0385	U	0.0365	U	0.0392	U	0.0358	U	0.0374	U	0.0387	U	0.0372	U	0.0369	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0318	U	0.0301	U	0.0323	U	0.0296	U	0.0309	U	0.0319	U	0.0307	U	0.0305	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0478	U	0.0453	U	0.0486	U	0.0445	U	0.0465	U	0.0480	U	0.0462	U	0.0458	U
Hexachloroethane	67-72-1	17	91	~	~	0.0368	U	0.0349	U	0.0375	U	0.0343	U	0.0358	U	0.0370	U	0.0356	U	0.0353	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	3.580	D	0.326		0.302		0.0555	J	0.296		0.202		0.467		0.672	
Isophorone	78-59-1	570	2,700	~	~	0.0318	U	0.0301	U	0.0324	U	0.0296	U	0.0310	U	0.0320	U	0.0308	U	0.0305	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	3.570	D	0.0601	J	0.0375	J	0.0309	U	0.0323	U	0.0333	U	0.0478	J	0.0342	J
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0321	U	0.0304	U	0.0326	U	0.0299	U	0.0312	U	0.0322	U	0.0310	U	0.0307	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0414	U	0.0392	U	0.0421	U	0.0385	U	0.0403	U	0.0416	U	0.0400	U	0.0397	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0310	U	0.0293	U	0.0315	U	0.0289	U	0.0302	U	0.0311	U	0.0300	U	0.0297	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0383	U	0.0362	U	0.0389	U	0.0356	U	0.0372	U	0.0384	U	0.0370	U	0.0367	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0423	U	0.0401	U	0.0430	U	0.0394	U	0.0412	U	0.0425	U	0.0409	U	0.0405	U
Phenanthrene	85-01-8	~	~	~	~	43	D	1.100		0.574		0.0651	J	0.788		0.410		0.900		2.660	D
Phenol	108-95-2	19,000	270,000	39,000	~	0.0401	U	0.0380	U	0.0408	U	0.0373	U	0.0390	U	0.0403	U	0.0388	U	0.0384	U
Pyrene	129-00-0	1,800	25,000	~	~	22	D	1.090		0.752		0.128		1.010		0.673		1.440		3.930	D
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	0.0121	D	0.00360	U	0.00681	D	0.00354	U	NT		0.0121	D	0.0185	D	0.00456	D
4,4'-DDD [2C]	72-54-8	~	~			NT		NT		NT		NT		0.00525	DP	NT		NT		NT	
4,4'-DDE	72-55-9	2	11	~	~	0.00582	DP	0.00180	U	0.00238	DP	0.00177	U	NT		0.00498	DP	0.00640	D	0.00231	D
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		0.00185	U	NT		NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00480	D	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00453	DP	0.00365	U
Aldrin	309-00-2	0.041	0.21	~	~	0.00190	U	0.00180	U	0.00193	U	0.00177	U	0.00185	U	0.00191	U	0.00184	U	0.00183	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00570	U	0.00540	U	0.00580	U	0.00531	U	0.00554	U	0.00572	U	0.00551	U	0.00548	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.00709	D	0.00360	U	0.00387	U	0.00354	U	NT		0.00755	D	0.0105	D	0.00365	U
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		NT		NT		NT		0.00370	U	NT		NT		NT	
beta-BHC	319-85-7	0.3	1.4	~	~	0.00854	U	0.00810	U	0.00870	U	0.00796	U	0.00832	U	0.00859	U	0.00826	U	0.00822	U
Chlordane, total	57-74-9	0.27	1.4	~	~																
delta-BHC	319-86-8	~	~	~	~	0.00570	U	0.00540	U	0.00580	U	0.00531	U	0.00554	U	0.00572	U	0.00551	U	0.00548	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00190	U	0.00180	U	0.00193	U	0.00177	U	0.00185	U	0.00191	U	0.00184	U	0.00183	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endrin	72-20-8	19	270	~	~	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Endrin aldehyde	7421-93-4	~	~	~	~																
Endrin ketone	53494-70-5	~	~	~	~																
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
gamma-Chlordane	5566-34-7	~	~	~	~																
Heptachlor	76-44-8	0.15	0.81	~	~	0.00380	U	0.00360	U	0.00387	U	0.00354	U	0.00370	U	0.00382	U	0.00367	U	0.00365	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~																
Methoxychlor	72-43-5	320	4,600	~	~																
Toxaphene	8001-35-2	0.49	2.3	~	~																
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.141	
Aroclor 1248	12672-29-6	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0248		0.0367		0.0391		0.0183	U
Aroclor 1260	11096-82-5	~	~	~	~	0.0463		0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0190	U	0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0363		0.0180	U	0.0193	U	0.0177	U	0.0185	U	0.0191	U	0.0184	U	0.0183	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.0826		0.0299		0.0193	U	0.0177	U	0.0248		0.0367		0.0391		0.141	

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	6,000		4,280		4,140		2,840		6,920		6,330		7,540		4,270	
Antimony	7440-36-0	31	520	~	~	2.430	U	2.190	U	2.430	U	2.230	U	2.250	U	2.320	U	2.310	U	2.290	U
Arsenic	7440-38-2	19	19	1,100	5,200	6.070		3.260		3.930		2.120		4.550		5.780		4.690		3.120	
Barium	7440-39-3	16,000	260,000	870,000	~	196		93.500		172		49		82.300		189		118		93.200	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.192		0.117		0.188		0.0450	U	3.010		0.245		0.212		0.130	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.778		0.727		0.506		0.267	U	0.639		0.799		0.425		0.330	
Calcium	7440-70-2	~	~	~	~	8,140		1,870		2,440		1,500		8,350		11,500		12,300		18,500	
Chromium	7440-47-3	~	~	~	~	18.200		32.200		16.300		8.440		17.300		19.800		18		11.100	
Cobalt	7440-48-4	23	390	520	2,500	5.340		5.140		4.530		2.480		7.890		5.920		6.900		3.680	
Copper	7440-50-8	3,100	52,000	~	~	74.200		49.100		71		19.700		31.900		63.900		35.500		32.200	
Iron	7439-89-6	~	~	~	~	18,000		9,790		10,500		6,670		13,100		13,500		12,900		8,770	
Lead	7439-92-1	200	800	~	~	**402**		146		**263**		123		117		**264**		180		142	
Magnesium	7439-95-4	~	~	~	~	2,660		1,780		1,700		1,160		3,060		3,670		3,500		9,500	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	238		145		123		76.500		392		199		415		137	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	23.700		77.300		20.600		8.810		44.400		34.100		35.500		17.700	
Potassium	7440-09-7	~	~	~	~	788		665		581		656		1,110		886		1,190		593	
Selenium	7782-49-2	390	6,500	~	~	2.430	U	2.190	U	2.430	U	2.230	U	2.250	U	2.320	U	2.310	U	2.290	U
Silver	7440-22-4	390	6,500	~	~	0.593		0.442	U	0.490	U	0.449	U	0.454	U	0.521		0.466	U	0.462	U
Sodium	7440-23-5	~	~	~	~	187		102		96.100		72.100		121		137		133		108	
Thallium	7440-28-0	~	~	~	~	1.950	U	1.760	U	1.950	U	1.780	U	1.800	U	1.860	U	1.850	U	1.840	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	21.700		15.600		16.900		14		24.300		24.300		36.700		15.600	
Zinc	7440-66-6	23,000	390,000	~	~	243		122		248		57.500		128		238		136		112	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.569		0.376		0.434		0.0935		1.400		1.120		2.700		0.618	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.573	U	0.543	U	0.584	U	0.534	U	0.558	U	0.576	U	0.555	U	0.550	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.573	U	0.543	U	0.584	U	0.534	U	0.558	U	0.576	U	0.555	U	0.550	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	22.2		22		22.2		22.1		22.4		22.4		22.3		21.9	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	87		91		91		94		90		84		90		91	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	87.2	B	92	B	85.7	B	93.6	B	89.6	B	86.8	B	90.1	B	91	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-24-CS-41 26H0685-51 8/12/2026 2:05:00 PM Soil		HD161DPL GSI TP-24-CS-42 26H0685-53 8/12/2026 2:15:00 PM Soil		HD161DPL GSI TP-23-C2-43 26H0771-01 8/13/2026 7:50:00 AM Soil		HD161DPL GSI TP-23-CS-44 26H0771-03 8/13/2026 8:00:00 AM Soil		HD161DPL GSI TP-22-CS-45 26H0771-05 8/13/2026 12:40:00 PM Soil		HD161DPL GSI TP-28-CS-46 26H0771-07 8/13/2026 9:00:00 AM Soil		HD161DPL GSI TP-28-CS-47 26H0771-09 8/13/2026 9:15:00 AM Soil		HD161DPL GSI TP-29-CS-48 26H0771-11 8/13/2026 9:45:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		1		5		5		5		1		1	
1,1-Biphenyl	92-52-4	87	450	~	~	0.0399	U	0.0387	U	0.0374	U	0.0386	U	0.0356	U	0.0375	U	0.0380	U	0.0387	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0326	U	0.0316	U	0.0306	U	0.0316	U	0.0291	U	0.0307	U	0.0311	U	0.0316	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0354	U	0.0343	U	0.0332	U	0.0342	U	0.0316	U	0.0333	U	0.0338	U	0.0343	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0305	U	0.0296	U	0.0286	U	0.0295	U	0.0272	U	0.0287	U	0.0291	U	0.0296	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0307	U	0.0298	U	0.0288	U	0.0297	U	0.0274	U	0.0289	U	0.0293	U	0.0298	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0356	U	0.0345	U	0.0334	U	0.0345	U	0.0318	U	0.0335	U	0.0340	U	0.0345	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0293	U	0.0284	U	0.0275	U	0.0284	U	0.0262	U	0.0276	U	0.0280	U	0.0284	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0461	U	0.0447	U	0.0432	U	0.0446	U	0.0412	U	0.0434	U	0.0440	U	0.0447	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0457	U	0.0443	U	0.0428	U	0.0442	U	0.0408	U	0.0430	U	0.0436	U	0.0443	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0295	U	0.0286	U	0.0277	U	0.0286	U	0.0264	U	0.0278	U	0.0282	U	0.0286	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0336	U	0.0326	U	0.0315	U	0.0325	U	0.0300	U	0.0316	U	0.0321	U	0.0326	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0418	U	0.0405	U	0.0392	U	0.0404	U	0.0373	U	0.0393	U	0.0399	U	0.0405	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0375	U	0.0364	U	0.0352	U	0.0363	U	0.0335	U	0.0353	U	0.0358	U	0.0364	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0365	U	0.0354	U	0.0342	U	0.0354	U	0.0326	U	0.0344	U	0.0348	U	0.0354	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0400	U	0.0388	U	0.0375	U	0.0388	U	0.0358	U	0.0377	U	0.0382	U	0.0388	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0320	U	0.0310	U	0.0300	U	0.0310	U	0.0286	U	0.0301	U	0.0305	U	0.0310	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0287	U	0.0278	U	0.0269	U	0.0278	U	0.0256	U	0.0270	U	0.0274	U	0.0278	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0295	U	0.0429	J	0.0276	U	0.0387	J	0.0845	J	0.0277	U	0.0281	U	0.0286	U
2-Methylphenol	95-48-7	320	4,600	~	~	0.0306	U	0.0297	U	0.0287	U	0.0297	U	0.0274	U	0.0288	U	0.0292	U	0.0297	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0272	U	0.0264	U	0.0255	U	0.0263	U	0.0243	U	0.0256	U	0.0259	U	0.0264	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0429	U	0.0416	U	0.0402	U	0.0415	U	0.0383	U	0.0404	U	0.0409	U	0.0416	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0301	U	0.0292	U	0.0282	U	0.0291	U	0.0269	U	0.0283	U	0.0287	U	0.0292	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0295	U	0.0286	U	0.0277	U	0.0286	U	0.0264	U	0.0278	U	0.0282	U	0.0286	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0365	U	0.0354	U	0.0342	U	0.0354	U	0.0326	U	0.0344	U	0.0348	U	0.0354	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0503	U	0.0487	U	0.0471	U	0.0487	U	0.0449	U	0.0473	U	0.0480	U	0.0487	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0397	U	0.0385	U	0.0372	U	0.0384	U	0.0355	U	0.0374	U	0.0379	U	0.0385	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0319	U	0.0309	U	0.0299	U	0.0308	U	0.0285	U	0.0300	U	0.0304	U	0.0309	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0302	U	0.0293	U	0.0283	U	0.0293	U	0.0270	U	0.0284	U	0.0289	U	0.0293	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0400	U	0.0388	U	0.0375	U	0.0387	U	0.0357	U	0.0376	U	0.0381	U	0.0388	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0345	U	0.0334	U	0.0323	U	0.0334	U	0.0308	U	0.0324	U	0.0329	U	0.0334	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0568	U	0.0551	U	0.0533	U	0.0550	U	0.0507	U	0.0535	U	0.0542	U	0.0551	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.261		0.248		0.0808	J	0.315		0.308		0.0391	J	0.0565	J	0.106	
Acenaphthylene	208-96-8	~	~	~	~	0.0600	J	0.0993		0.0631	J	0.169		0.0309	J	0.0289	U	0.0293	U	0.0381	J
Acetophenone	98-86-2	7,800	130,000	~	~	0.0295	U	0.0286	U	0.0276	U	0.0285	U	0.0263	U	0.0277	U	0.0281	U	0.0286	U
Aniline	62-53-3	~	~	~	~	0.0418	U	0.0406	U	0.0392	U	0.0405	U	0.0374	U	0.0394	U	0.0399	U	0.0406	U
Anthracene	120-12-7	18,000	250,000	~	~	0.455		0.542		0.240		0.814		0.851		0.0883	J	0.117		0.225	
Atrazine	1912-24-9	220	3,200	~	~	0.0344	U	0.0333	U	0.0322	U	0.0333	U	0.0307	U	0.0323	U	0.0328	U	0.0333	U
Benzaldehyde	100-52-7	170	910	~	~	0.0350	U	0.0339	U	0.0328	U	0.0339	U	0.0312	U	0.0329	U	0.0334	U	0.0339	U
Benzidine	92-87-5	~	~	~	~	0.0116	U	0.0113	U	0.0109	U	0.0113	U	0.0104	U	0.0109	U	0.0111	U	0.0113	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	1.540		0.0305	U	0.722		2.180	D	1.130		0.298		0.308		0.679	
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	**1.630**	E	0.0344	U	0.483		**1.220**		**0.779**		0.157		0.151		0.338	
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	1.520		0.0351	U	0.657		2.050	D	0.652		0.217		0.221		0.485	
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	0.736		0.0560	J	0.516		1.030		0.326		0.116		0.117		0.259	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	1.040		0.0345	U	0.569		1.550	D	0.664		0.211		0.201		0.431	
Benzoic acid	65-85-0	~	~	~	~	0.0404	U	0.0392	U	0.0379	U	0.0392	U	0.0361	U	0.0381	U	0.0386	U	0.0392	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0298	U	0.0289	U	0.0280	U	0.0289	U	0.0266	U	0.0281	U	0.0285	U	0.0289	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0420	U	0.0407	U	0.0394	U	0.0406	U	0.0375	U	0.0395	U	0.0401	U	0.0672	J
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0300	U	0.0291	U	0.0281	U	0.0290	U	0.0268	U	0.0282	U	0.0286	U	0.0291	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0224	U	0.0217	U	0.0210	U	0.0216	U	0.0200	U	0.0210	U	0.0213	U	0.0217	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0427	U	0.0414	U	0.0400	U	0.0413	U	0.0381	U	0.0401	U	0.0407	U	0.0414	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0416	U	0.0403	U	0.0390	U	0.0875	J	0.0467	J	1.880	D	0.0396	U	0.0403	U
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0469	U	0.0455	U	0.0440	U	0.0454	U	0.0419	U	0.0441	U	0.0447	U	0.0455	U
Carbazole	86-74-8	~	~	~	~	0.147		0.205		0.0841	J	0.253		0.271		0.0301	U	0.0540	J	0.0817	J
Chrysene	218-01-9	510	2,300	~	~	1.390		0.159		0.750		1.920	D	1.020		0.278		0.277		0.656	
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.0797	J	0.0280	U	0.165		0.398		0.131		0.0460	J	0.0466	J	0.0952	
Dibenzofuran	132-64-9	~	~	~	~	0.106		0.100		0.0455	J	0.114		0.220		0.0299	U	0.0304	U	0.0347	J
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0367	U	0.0355	U	0.0344	U	0.0355	U	0.0327	U	0.0345	U	0.0350	U	0.0355	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0329	U	0.0319	U	0.0309	U	0.0319	U	0.0294	U	0.0310	U	0.0314	U	0.0319	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-24-CS-41 26H0685-51 8/12/2026 2:05:00 PM Soil		HD161DPL GSI TP-24-CS-42 26H0685-53 8/12/2026 2:15:00 PM Soil		HD161DPL GSI TP-23-C2-43 26H0771-01 8/13/2026 7:50:00 AM Soil		HD161DPL GSI TP-23-CS-44 26H0771-03 8/13/2026 8:00:00 AM Soil		HD161DPL GSI TP-22-CS-45 26H0771-05 8/13/2026 12:40:00 PM Soil		HD161DPL GSI TP-28-CS-46 26H0771-07 8/13/2026 9:00:00 AM Soil		HD161DPL GSI TP-28-CS-47 26H0771-09 8/13/2026 9:15:00 AM Soil		HD161DPL GSI TP-29-CS-48 26H0771-11 8/13/2026 9:45:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		1		5		5		5		1		1	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0405	U	0.0393	U	0.0380	U	0.0392	U	0.0362	U	0.714		0.0386	U	0.0393	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0308	U	0.0299	U	0.0289	U	0.0298	U	0.0275	U	0.0290	U	0.0294	U	0.0299	U
Fluoranthene	206-44-0	2,400	33,000	~	~	3.500	D	0.0300	U	1.290		5.080	D	2.390	D	0.505		0.536		1.180	
Fluorene	86-73-7	2,400	33,000	~	~	0.153		0.171		0.0786	J	0.189		0.366		0.0342	U	0.0415	J	0.0772	J
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0390	U	0.0378	U	0.0365	U	0.0377	U	0.0348	U	0.0367	U	0.0372	U	0.0378	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0322	U	0.0312	U	0.0302	U	0.0312	U	0.0288	U	0.0303	U	0.0307	U	0.0312	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0484	U	0.0469	U	0.0454	U	0.0469	U	0.0432	U	0.0455	U	0.0462	U	0.0469	U
Hexachloroethane	67-72-1	17	91	~	~	0.0373	U	0.0362	U	0.0350	U	0.0361	U	0.0333	U	0.0351	U	0.0356	U	0.0362	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	0.806		0.145		0.532		1.230		0.380		0.135		0.135		0.289	
Isophorone	78-59-1	570	2,700	~	~	0.0323	U	0.0313	U	0.0302	U	0.0312	U	0.0288	U	0.0303	U	0.0308	U	0.0313	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0354	J	0.0493	J	0.0315	U	0.0325	U	0.0856	J	0.0316	U	0.0321	U	0.0326	U
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0325	U	0.0315	U	0.0305	U	0.0315	U	0.0290	U	0.0306	U	0.0310	U	0.0315	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0419	U	0.0407	U	0.0393	U	0.0406	U	0.0374	U	0.0394	U	0.0400	U	0.0406	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0314	U	0.0304	U	0.0294	U	0.0304	U	0.0280	U	0.0295	U	0.0300	U	0.0304	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0388	U	0.0376	U	0.0363	U	0.0375	U	0.0346	U	0.0365	U	0.0370	U	0.0376	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0429	U	0.0416	U	0.0402	U	0.0415	U	0.0383	U	0.0403	U	0.0409	U	0.0416	U
Phenanthrene	85-01-8	~	~	~	~	1.360		1.950	D	0.774		2.010	D	2.400	D	0.245		0.400		0.752	
Phenol	108-95-2	19,000	270,000	39,000	~	0.0406	U	0.0394	U	0.0381	U	0.0393	U	0.0363	U	0.0382	U	0.0388	U	0.0394	U
Pyrene	129-00-0	1,800	25,000	~	~	2.720	D	0.0294	U	1.320		3.860	D	1.730	D	0.560		0.583		1.310	
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	0.0173	D	0.0160	D	NT		0.00365	U	NT		0.0272	D	NT		0.0157	D
4,4'-DDD [2C]	72-54-8	~	~			NT		NT		0.00687	D	NT		0.00363	D	NT		0.00524	D	NT	
4,4'-DDE	72-55-9	2	11	~	~	0.00850	DP	0.0186	D	0.00365	DP	0.00183	U	0.00172	U	0.0149	D	0.00293	DP	0.00647	DP
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00385	U	0.0126	DP	0.00576	D	0.00365	U	0.00344	U	0.00595	DP	0.00611	D	0.00461	D
Aldrin	309-00-2	0.041	0.21	~	~	0.00192	U	0.00187	U	0.00183	U	0.00183	U	0.00172	U	0.00181	U	0.00187	U	0.00190	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00577	U	0.00560	U	0.00548	U	0.00548	U	0.00515	U	0.00543	U	0.00562	U	0.00569	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.0146	D	0.0167	D	0.00505	DP	0.00365	U	0.00617	D	NT		0.0151	D	0.00966	D
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		NT		NT		NT		NT		0.0193	DP	NT		NT	
beta-BHC	319-85-7	0.3	1.4	~	~	0.00866	U	0.00840	U	0.00823	U	0.00822	U	0.00773	U	0.00815	U	0.00843	U	0.00854	U
Chlordane, total	57-74-9	0.27	1.4	~	~					0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
delta-BHC	319-86-8	~	~	~	~	0.00577	U	0.00560	U	0.00548	U	0.00548	U	0.00515	U	0.00543	U	0.00562	U	0.00569	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00192	U	0.00187	U	0.00183	U	0.00183	U	0.00172	U	0.00181	U	0.00187	U	0.00190	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endrin	72-20-8	19	270	~	~	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Endrin aldehyde	7421-93-4	~	~	~	~					0.00548	U	0.00548	U	0.00515	U	0.00543	U	0.00562	U	0.00569	U
Endrin ketone	53494-70-5	~	~	~	~					0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
gamma-Chlordane	5566-34-7	~	~	~	~					0.00366	U	0.00365	U	0.00347	D	0.0229	D	0.00928	D	0.00699	D
Heptachlor	76-44-8	0.15	0.81	~	~	0.00385	U	0.00373	U	0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~					0.00183	U	0.00183	U	0.00172	U	0.00181	U	0.00187	U	0.00190	U
Methoxychlor	72-43-5	320	4,600	~	~					0.00366	U	0.00365	U	0.00344	U	0.00362	U	0.00375	U	0.00379	U
Toxaphene	8001-35-2	0.49	2.3	~	~					0.0914	U	0.0913	U	0.0859	U	0.0905	U	0.0936	U	0.0949	U
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0368		0.0187	U	0.0190	U
Aroclor 1248	12672-29-6	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0620		0.509		0.0183	U	0.0183	U	0.0172	U	0.0720	B	0.0202	B	0.0191	B
Aroclor 1260	11096-82-5	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0192	U	0.0187	U	0.0183	U	0.0183	U	0.0172	U	0.0181	U	0.0187	U	0.0190	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.0620		**0.509**		0.0548	U	0.0548	U	0.0515	U	0.109		0.0562	U	0.0569	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-24-CS-41 26H0685-51 8/12/2026 2:05:00 PM Soil		HD161DPL GSI TP-24-CS-42 26H0685-53 8/12/2026 2:15:00 PM Soil		HD161DPL GSI TP-23-C2-43 26H0771-01 8/13/2026 7:50:00 AM Soil		HD161DPL GSI TP-23-CS-44 26H0771-03 8/13/2026 8:00:00 AM Soil		HD161DPL GSI TP-22-CS-45 26H0771-05 8/13/2026 12:40:00 PM Soil		HD161DPL GSI TP-28-CS-46 26H0771-07 8/13/2026 9:00:00 AM Soil		HD161DPL GSI TP-28-CS-47 26H0771-09 8/13/2026 9:15:00 AM Soil		HD161DPL GSI TP-29-CS-48 26H0771-11 8/13/2026 9:45:00 AM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	7,430		7,940		8,540		7,750		3,570		6,930		7,220		7,400	
Antimony	7440-36-0	31	520	~	~	2.420	U	2.310	U	2.250	U	2.300	U	2.120	U	2.230	U	2.350	U	2.380	U
Arsenic	7440-38-2	19	19	1,100	5,200	4.640		5.020		6.700		5.120		2.210		3.850		3.950		4.390	
Barium	7440-39-3	16,000	260,000	870,000	~	137		141		141		131		48.400		86.800		84.800		101	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.237		0.265		0.271		0.241		0.0860		0.210		0.190		0.217	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.407		0.443		0.370		0.450		0.254	U	0.277		0.338		0.343	
Calcium	7440-70-2	~	~	~	~	10,900		10,600		11,000		9,850		2,730		13,800		4,090		7,630	
Chromium	7440-47-3	~	~	~	~	16.700		17.200		18.800		20.200		8.960		17.200		18.900		17.500	
Cobalt	7440-48-4	23	390	520	2,500	6.190		6.630		7.340		6.220		2.990		7.080		6.900		6.730	
Copper	7440-50-8	3,100	52,000	~	~	42.100		39.700		26.300		43.700		16.100		23.200		29.100		36.600	
Iron	7439-89-6	~	~	~	~	14,000		15,300		15,800		13,500		7,590		12,400		12,700		13,200	
Lead	7439-92-1	200	800	~	~	**239**		**231**		**274**		**236**		72.500		145		110		190	
Magnesium	7439-95-4	~	~	~	~	3,760		3,780		4,730		3,630		1,570		4,290		3,090		2,970	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	269		244		223		194		101		386		228		217	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	27.500		29.100		27.800		29		13.400		39		42.700		38.100	
Potassium	7440-09-7	~	~	~	~	1,040		1,040		1,090		1,040		533		1,250		1,250		1,130	
Selenium	7782-49-2	390	6,500	~	~	2.420	U	2.310	U	2.250	U	2.300	U	2.120	U	2.230	U	2.350	U	2.380	U
Silver	7440-22-4	390	6,500	~	~	0.488	U	0.466	U	0.455	U	0.463	U	0.427	U	0.450	U	0.473	U	0.480	U
Sodium	7440-23-5	~	~	~	~	141		145		148		129		75.100		153		144		129	
Thallium	7440-28-0	~	~	~	~	1.940	U	1.850	U	1.810	U	1.840	U	1.700	U	1.790	U	1.880	U	1.910	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	48.900		28		26.500		25.200		14.700		24.500		28.800		45.100	
Zinc	7440-66-6	23,000	390,000	~	~	148		146		154		173		62.600		115		92.100		114	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.566		1.410		0.632		1.500		0.0960		0.610		0.681		1.130	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.581	U	0.564	U	0.550	U	0.561	U	0.517	U	0.545	U	0.564	U	0.571	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.581	U	0.564	U	0.550	U	0.561	U	0.517	U	0.545	U	0.564	U	0.571	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	21.8		22.1		22		22.3		22.3		22.3		22.7		22.8	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	88		91		89		89		95		92		90		87	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	86	B	88.7	B	90.9	B	89.2	B	96.7	B	91.8	B	88.7	B	87.6	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-29-CS-49 26H0771-13 8/13/2026 9:55:00 AM Soil		HD161DPL GSI TP-29-CS-50 26H0771-15 8/13/2026 10:30:00 AM Soil		HD161DPL GSI TP-28-CS-51 26H0771-17 8/13/2026 11:20:00 AM Soil		HD161DPL GSI TP-30-CS-52 26H0771-19 8/13/2026 10:50:00 AM Soil		HD161DPL GSI TP-30-CS-53 26H0771-21 8/13/2026 11:00:00 AM Soil		HD161DPL GSI TP-30-CS-54 26H0771-23 8/13/2026 11:10:00 AM Soil		HD161DPL GSI TP-31-CS-55 26H0771-25 8/13/2026 11:55:00 AM Soil		HD161DPL GSI TP-31-CS-56 26H0771-27 8/13/2026 12:15:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						2		2		1		2		5		5		1		1	
1,1-Biphenyl	92-52-4	87	450	~	~	0.0376	U	0.0376	U	0.0386	U	0.0496	U	0.0373	U	0.0398	U	0.0371	U	0.0374	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0308	U	0.0308	U	0.0316	U	0.0405	U	0.0305	U	0.0326	U	0.0304	U	0.0306	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0334	U	0.0334	U	0.0343	U	0.0440	U	0.0331	U	0.0353	U	0.0329	U	0.0332	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0288	U	0.0287	U	0.0295	U	0.0379	U	0.0285	U	0.0304	U	0.0284	U	0.0286	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0290	U	0.0289	U	0.0297	U	0.0382	U	0.0287	U	0.0307	U	0.0286	U	0.0288	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0336	U	0.0336	U	0.0345	U	0.0443	U	0.0333	U	0.0356	U	0.0332	U	0.0334	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0277	U	0.0277	U	0.0284	U	0.0365	U	0.0274	U	0.0293	U	0.0273	U	0.0275	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0435	U	0.0435	U	0.0446	U	0.0573	U	0.0431	U	0.0460	U	0.0429	U	0.0432	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0431	U	0.0431	U	0.0443	U	0.0568	U	0.0427	U	0.0457	U	0.0426	U	0.0429	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0279	U	0.0279	U	0.0286	U	0.0367	U	0.0276	U	0.0295	U	0.0275	U	0.0277	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0317	U	0.0317	U	0.0325	U	0.0418	U	0.0314	U	0.0336	U	0.0313	U	0.0315	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0394	U	0.0394	U	0.0405	U	0.0519	U	0.0391	U	0.0417	U	0.0389	U	0.0392	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0354	U	0.0354	U	0.0363	U	0.0467	U	0.0351	U	0.0375	U	0.0350	U	0.0352	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0345	U	0.0344	U	0.0354	U	0.0454	U	0.0342	U	0.0365	U	0.0340	U	0.0342	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0378	U	0.0378	U	0.0388	U	0.0498	U	0.0374	U	0.0400	U	0.0373	U	0.0375	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0302	U	0.0302	U	0.0310	U	0.0398	U	0.0299	U	0.0320	U	0.0298	U	0.0300	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0271	U	0.0271	U	0.0278	U	0.0357	U	0.0268	U	0.0287	U	0.0267	U	0.0269	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0278	U	0.0278	U	0.0286	U	0.0785	J	0.0619	J	0.0365	J	0.0275	U	0.0277	U
2-Methylphenol	95-48-7	320	4,600	~	~	0.0289	U	0.0289	U	0.0297	U	0.0381	U	0.0287	U	0.0306	U	0.0285	U	0.0287	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0256	U	0.0256	U	0.0263	U	0.0338	U	0.0254	U	0.0272	U	0.0253	U	0.0255	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0405	U	0.0405	U	0.0415	U	0.0533	U	0.0401	U	0.0429	U	0.0400	U	0.0402	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0284	U	0.0284	U	0.0291	U	0.0374	U	0.0281	U	0.0301	U	0.0280	U	0.0282	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0278	U	0.0278	U	0.0286	U	0.0367	U	0.0276	U	0.0295	U	0.0275	U	0.0277	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0345	U	0.0344	U	0.0354	U	0.0454	U	0.0342	U	0.0365	U	0.0340	U	0.0342	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0474	U	0.0474	U	0.0487	U	0.0625	U	0.0470	U	0.0502	U	0.0468	U	0.0471	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0375	U	0.0375	U	0.0385	U	0.0494	U	0.0371	U	0.0397	U	0.0370	U	0.0372	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0301	U	0.0301	U	0.0309	U	0.0396	U	0.0298	U	0.0318	U	0.0297	U	0.0299	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0285	U	0.0285	U	0.0293	U	0.0376	U	0.0283	U	0.0302	U	0.0282	U	0.0284	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0377	U	0.0377	U	0.0387	U	0.0497	U	0.0374	U	0.0399	U	0.0372	U	0.0375	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0325	U	0.0325	U	0.0334	U	0.0429	U	0.0322	U	0.0344	U	0.0321	U	0.0323	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0536	U	0.0536	U	0.0550	U	0.0706	U	0.0531	U	0.0568	U	0.0529	U	0.0533	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.0701	J	0.0867	J	0.0345	U	0.150		0.135		0.0938	J	0.0332	U	0.0334	U
Acenaphthylene	208-96-8	~	~	~	~	0.0523	J	0.0316	J	0.0298	U	0.0866	J	0.124		0.0704	J	0.0286	U	0.0288	U
Acetophenone	98-86-2	7,800	130,000	~	~	0.0278	U	0.0278	U	0.0285	U	0.0366	U	0.0276	U	0.0294	U	0.0274	U	0.0276	U
Aniline	62-53-3	~	~	~	~	0.0395	U	0.0395	U	0.0405	U	0.0520	U	0.0391	U	0.0418	U	0.0390	U	0.0392	U
Anthracene	120-12-7	18,000	250,000	~	~	0.206		0.257		0.0675	J	0.464		0.499		0.270		0.0299	U	0.0321	J
Atrazine	1912-24-9	220	3,200	~	~	0.0324	U	0.0324	U	0.0333	U	0.0427	U	0.0322	U	0.0343	U	0.0320	U	0.0322	U
Benzaldehyde	100-52-7	170	910	~	~	0.0330	U	0.0330	U	0.0339	U	0.0435	U	0.0327	U	0.0349	U	0.0326	U	0.0328	U
Benzidine	92-87-5	~	~	~	~	0.0110	U	0.0110	U	0.0113	U	0.0145	U	0.0109	U	0.0116	U	0.0108	U	0.0109	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	0.734		0.780		0.239		0.931		1.610	E	0.906		0.0871	J	0.172	
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	**0.558**		0.313		0.123		**0.953**		**0.673**	D	**1**		0.104		0.183	
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	0.544		0.465		0.181		0.732		1.700	E	0.910		0.0957		0.175	
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	0.293		0.214		0.0932		0.529		1.040		0.598		0.0699	J	0.113	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	0.471		0.444		0.155		0.599		1.030		0.638		0.0681	J	0.125	
Benzoic acid	65-85-0	~	~	~	~	0.0382	U	0.0381	U	0.0392	U	0.0503	U	0.0378	U	0.0404	U	0.0377	U	0.0379	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0282	U	0.0281	U	0.0289	U	0.0371	U	0.0279	U	0.0298	U	0.0278	U	0.0280	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0868	J	0.0396	U	0.0407	U	0.0522	U	0.0393	U	0.0773	J	0.0391	U	0.0394	U
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0283	U	0.0283	U	0.0290	U	0.0373	U	0.0280	U	0.0300	U	0.0279	U	0.0281	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0211	U	0.0211	U	0.0217	U	0.0278	U	0.0209	U	0.0223	U	0.0208	U	0.0210	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0403	U	0.0402	U	0.0413	U	0.0530	U	0.0399	U	0.0426	U	0.0397	U	0.0400	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0792	J	0.220		0.0402	U	0.0517	U	0.0615	J	0.178		0.0387	U	0.0559	J
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0443	U	0.0442	U	0.0454	U	0.0583	U	0.0439	U	0.0468	U	0.0437	U	0.0440	U
Carbazole	86-74-8	~	~	~	~	0.0726	J	0.0795	J	0.0310	U	0.186		0.178		0.113		0.0298	U	0.0300	U
Chrysene	218-01-9	510	2,300	~	~	0.732		0.693		0.229		0.818		1.520	E	0.826		0.0756	J	0.159	
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.111		0.0882	J	0.0388	J	0.0440	J	0.0961		0.0627	J	0.0269	U	0.0271	U
Dibenzofuran	132-64-9	~	~	~	~	0.0300	U	0.0450	J	0.0308	U	0.136		0.0875	J	0.0561	J	0.0296	U	0.0299	U
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0346	U	0.0346	U	0.0355	U	0.0456	U	0.0343	U	0.0366	U	0.0341	U	0.0344	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0311	U	0.0310	U	0.0319	U	0.0409	U	0.0308	U	0.0329	U	0.0307	U	0.0309	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-29-CS-49 26H0771-13 8/13/2026 9:55:00 AM Soil		HD161DPL GSI TP-29-CS-50 26H0771-15 8/13/2026 10:30:00 AM Soil		HD161DPL GSI TP-28-CS-51 26H0771-17 8/13/2026 11:20:00 AM Soil		HD161DPL GSI TP-30-CS-52 26H0771-19 8/13/2026 10:50:00 AM Soil		HD161DPL GSI TP-30-CS-53 26H0771-21 8/13/2026 11:00:00 AM Soil		HD161DPL GSI TP-30-CS-54 26H0771-23 8/13/2026 11:10:00 AM Soil		HD161DPL GSI TP-31-CS-55 26H0771-25 8/13/2026 11:55:00 AM Soil		HD161DPL GSI TP-31-CS-56 26H0771-27 8/13/2026 12:15:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						2		2		1		2		5		5		1		1	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0382	U	0.0382	U	0.0392	U	0.0503	U	0.0379	U	0.0404	U	0.0377	U	0.0380	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0291	U	0.0290	U	0.0298	U	0.0383	U	0.0288	U	0.0308	U	0.0287	U	0.0289	U
Fluoranthene	206-44-0	2,400	33,000	~	~	1.270		1.420		0.376		2.350	E	2.710	D	1.630	D	0.151		0.297	
Fluorene	86-73-7	2,400	33,000	~	~	0.0625	J	0.0907		0.0352	U	0.228		0.166		0.0853	J	0.0339	U	0.0341	U
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0368	U	0.0368	U	0.0378	U	0.0485	U	0.0365	U	0.0389	U	0.0363	U	0.0366	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0304	U	0.0304	U	0.0312	U	0.0400	U	0.0301	U	0.0322	U	0.0300	U	0.0302	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0457	U	0.0457	U	0.0469	U	0.0602	U	0.0453	U	0.0484	U	0.0451	U	0.0454	U
Hexachloroethane	67-72-1	17	91	~	~	0.0352	U	0.0352	U	0.0361	U	0.0464	U	0.0349	U	0.0373	U	0.0348	U	0.0350	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	0.334		0.259		0.115		0.487		0.967		0.571		0.0642	J	0.109	
Isophorone	78-59-1	570	2,700	~	~	0.0304	U	0.0304	U	0.0312	U	0.0401	U	0.0302	U	0.0322	U	0.0300	U	0.0302	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0317	U	0.0317	U	0.0325	U	0.123		0.0911		0.0531	J	0.0313	U	0.0315	U
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0307	U	0.0307	U	0.0315	U	0.0404	U	0.0304	U	0.0325	U	0.0303	U	0.0305	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0396	U	0.0395	U	0.0406	U	0.0521	U	0.0392	U	0.0419	U	0.0390	U	0.0393	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0296	U	0.0296	U	0.0304	U	0.0390	U	0.0294	U	0.0314	U	0.0292	U	0.0294	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0366	U	0.0366	U	0.0375	U	0.0482	U	0.0363	U	0.0387	U	0.0361	U	0.0364	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0404	U	0.0404	U	0.0415	U	0.0533	U	0.0401	U	0.0428	U	0.0399	U	0.0402	U
Phenanthrene	85-01-8	~	~	~	~	0.704		0.816		0.218		2.270	D	2.150	D	1.230		0.0599	J	0.109	
Phenol	108-95-2	19,000	270,000	39,000	~	0.0383	U	0.0383	U	0.0393	U	0.0505	U	0.0380	U	0.0406	U	0.0378	U	0.0381	U
Pyrene	129-00-0	1,800	25,000	~	~	1.170	D	1.170	D	0.448		2.080	E	3.400	D	1.630	E	0.134		0.258	
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	0.0107	D	0.00674	D	0.0225	D	0.00745	D	NT		NT		0.00358	U	NT	
4,4'-DDD [2C]	72-54-8	~	~			NT		NT		NT		NT		0.0162	D	0.0129	D	NT		0.00671	D
4,4'-DDE	72-55-9	2	11	~	~	0.00407	DP	0.00358	DP	0.00778	DP	0.00404	DP	0.00418	DP	0.00346	DP	0.00189	D	NT	
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		NT		NT		NT		0.00184	U
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00393	DP	0.00484	DP	0.00742	DP	0.00526	DP	0.00439	D	0.00413	DP	0.00393	D	0.00636	D
Aldrin	309-00-2	0.041	0.21	~	~	0.00185	U	0.00185	U	0.00188	U	0.00242	U	0.00182	U	0.00192	U	0.00179	U	0.00184	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00556	U	0.00555	U	0.00563	U	0.00727	U	0.00547	U	0.00577	U	0.00538	U	0.00552	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.0109	D	NT		0.00783	DP	0.00726	D	NT		0.0118	D	NT		NT	
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		0.00370	U	NT		NT		0.00441	DP	NT		0.00358	U	0.00368	U
beta-BHC	319-85-7	0.3	1.4	~	~	0.00833	U	0.00833	U	0.00844	U	0.0109	U	0.00821	U	0.00865	U	0.00806	U	0.00828	U
Chlordane, total	57-74-9	0.27	1.4	~	~	0.0185	U	0.0185	U	0.0188	U	0.0242	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
delta-BHC	319-86-8	~	~	~	~	0.00556	U	0.00555	U	0.00563	U	0.00727	U	0.00547	U	0.00577	U	0.00538	U	0.00552	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00185	U	0.00185	U	0.00188	U	0.00242	U	0.00182	U	0.00192	U	0.00179	U	0.00184	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endrin	72-20-8	19	270	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Endrin aldehyde	7421-93-4	~	~	~	~	0.00556	U	0.00555	U	0.00563	U	0.00727	U	0.00547	U	0.00577	U	0.00538	U	0.00552	U
Endrin ketone	53494-70-5	~	~	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
gamma-Chlordane	5566-34-7	~	~	~	~	0.0117	DP	0.00508	DP	0.0137	DP	0.00546	DP	0.00536	D	0.00757	DP	0.00358	U	0.00368	U
Heptachlor	76-44-8	0.15	0.81	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~	0.00185	U	0.00185	U	0.00188	U	0.00242	U	0.00182	U	0.00192	U	0.00179	U	0.00184	U
Methoxychlor	72-43-5	320	4,600	~	~	0.00370	U	0.00370	U	0.00375	U	0.00485	U	0.00365	U	0.00384	U	0.00358	U	0.00368	U
Toxaphene	8001-35-2	0.49	2.3	~	~	0.0926	U	0.0926	U	0.0938	U	0.121	U	0.0912	U	0.0961	U	0.0896	U	0.0920	U
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1248	12672-29-6	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0230	B	0.0261	B	0.0233	B	0.0239	U	0.0210		0.0412		0.0179	U	0.0184	U
Aroclor 1260	11096-82-5	~	~	~	~	0.0205		0.0185	U	0.0259		0.0239	U	0.0197		0.0350		0.0179	U	0.0184	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0185	U	0.0185	U	0.0187	U	0.0239	U	0.0182	U	0.0192	U	0.0179	U	0.0184	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.0556	U	0.0261		0.0613		0.0250		0.0547	U	0.0762		0.0538	U	0.0552	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-29-CS-49 26H0771-13 8/13/2026 9:55:00 AM Soil		HD161DPL GSI TP-29-CS-50 26H0771-15 8/13/2026 10:30:00 AM Soil		HD161DPL GSI TP-28-CS-51 26H0771-17 8/13/2026 11:20:00 AM Soil		HD161DPL GSI TP-30-CS-52 26H0771-19 8/13/2026 10:50:00 AM Soil		HD161DPL GSI TP-30-CS-53 26H0771-21 8/13/2026 11:00:00 AM Soil		HD161DPL GSI TP-30-CS-54 26H0771-23 8/13/2026 11:10:00 AM Soil		HD161DPL GSI TP-31-CS-55 26H0771-25 8/13/2026 11:55:00 AM Soil		HD161DPL GSI TP-31-CS-56 26H0771-27 8/13/2026 12:15:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	6,700		6,050		6,170		6,170		7,420		7,430		4,400		4,820	
Antimony	7440-36-0	31	520	~	~	2.280	U	2.360	U	2.370	U	3.040	U	2.250	U	3.040		2.170	U	2.310	U
Arsenic	7440-38-2	19	19	1,100	5,200	5.960		3.210		3.180		3.780		7.010		7.590		4.070		3.860	
Barium	7440-39-3	16,000	260,000	870,000	~	145		102		74.200		64.600		135		205		45.700		56.500	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.220		0.163		0.167		0.305		0.209		0.254		3.120		0.269	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.512		0.283	U	0.322		0.365	U	0.486		1.540		0.687		0.480	
Calcium	7440-70-2	~	~	~	~	11,100		3,810		3,710		2,530		8,670		9,790		6,590		1,900	
Chromium	7440-47-3	~	~	~	~	16.400		13.900		16.600		16.600		15.900		18.100		12.800		16.400	
Cobalt	7440-48-4	23	390	520	2,500	6.080		5.430		6.010		6.360		6.780		5.570		4.750		5.250	
Copper	7440-50-8	3,100	52,000	~	~	43.900		25.600		29.100		23.500		36.300		62.700		22.300		31.600	
Iron	7439-89-6	~	~	~	~	13,700		11,000		10,900		11,100		12,900		15,900		14,700		12,000	
Lead	7439-92-1	200	800	~	~	**231**		133		104		**250**		**234**		**373**		73.100		84.500	
Magnesium	7439-95-4	~	~	~	~	2,950		2,260		2,600		3,450		3,580		3,370		2,590		2,070	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	215		146		213		198		214		413		226		154	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	28		30.700		36.500		38.400		30		29.300		20.700		33.100	
Potassium	7440-09-7	~	~	~	~	1,020		887		998		1,160		1,090		1,020		711		766	
Selenium	7782-49-2	390	6,500	~	~	2.280	U	2.360	U	2.370	U	3.040	U	2.250	U	2.410	U	2.170	U	2.310	U
Silver	7440-22-4	390	6,500	~	~	0.461	U	0.476	U	0.477	U	0.613	U	0.453	U	0.486	U	0.439	U	0.465	U
Sodium	7440-23-5	~	~	~	~	152		102		103		108		179		392		90.700		78.400	
Thallium	7440-28-0	~	~	~	~	1.830	U	1.890	U	1.900	U	2.440	U	1.800	U	1.930	U	1.740	U	1.850	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	30.500		19		25.800		20.300		23.600		24.100		19.800		22.100	
Zinc	7440-66-6	23,000	390,000	~	~	180		102		83.200		89.400		187		440		69.200		97.400	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.696		0.491		0.560		0.207		0.500		0.558		0.0802		0.291	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.557	U	0.557	U	0.568	U	0.730	U	0.549	U	0.579	U	0.539	U	0.554	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	0.557	U	0.557	U	0.568	U	0.730	U	0.549	U	0.572	U	0.539	U	0.554	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	22.5		22.3		22.3		22.6		22.5		22.4		22.3		22.4	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	85		90		88		85		88		88		77		90	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	89.7	B	89.7	B	88	B	68.5	B	91.1	B	86.4	B	92.7	B	90.3	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-31-CS-57 26H0771-29 8/13/2026 12:30:00 PM Soil		HD161DPL GSI TP-27-CS-58 26H0771-31 8/13/2026 12:50:00 PM Soil		HD161DPL GSI TP-33-CS-59 26H0771-33 8/13/2026 1:10:00 PM Soil		HD161DPL GSI TP-33-CS-60 26H0771-35 8/13/2026 2:25:00 PM Soil		HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						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-Biphenyl	92-52-4	87	450	~	~	0.0425	U	0.0363	U	0.0382	U	0.0558	U	0.0545	U	0.0546	U	0.0679	U	0.0550	U
1,2,4,5-Tetrachlorobenzene	95-94-3	23	390	~	~	0.0348	U	0.0297	U	0.0313	U	0.0457	U	0.0446	U	0.0446	U	0.0555	U	0.0450	U
1,2,4-Trichlorobenzene	120-82-1	780	13,000	94	~	0.0377	U	0.0322	U	0.0339	U	0.0495	U	0.0484	U	0.0484	U	0.0602	U	0.0488	U
1,2-Dichlorobenzene	95-50-1	6,700	110,000	~	~	0.0325	U	0.0278	U	0.0292	U	0.0427	U	0.0417	U	0.0417	U	0.0519	U	0.0420	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	0.0327	U	0.0280	U	0.0294	U	0.0430	U	0.0420	U	0.0420	U	0.0522	U	0.0423	U
1,3-Dichlorobenzene	541-73-1	6,700	110,000	~	~	0.0380	U	0.0325	U	0.0341	U	0.0498	U	0.0487	U	0.0487	U	0.0606	U	0.0491	U
1,4-Dichlorobenzene	106-46-7	780	13,000	~	~	0.0313	U	0.0267	U	0.0281	U	0.0410	U	0.0401	U	0.0401	U	0.0499	U	0.0405	U
2,3,4,6-Tetrachlorophenol	58-90-2	1,900	27,000	~	~	0.0491	U	0.0420	U	0.0442	U	0.0645	U	0.0630	U	0.0631	U	0.0785	U	0.0636	U
2,4,5-Trichlorophenol	95-95-4	6,300	91,000	~	~	0.0487	U	0.0417	U	0.0438	U	0.0640	U	0.0625	U	0.0626	U	0.0778	U	0.0631	U
2,4,6-Trichlorophenol	88-06-2	49	230	~	~	0.0315	U	0.0269	U	0.0283	U	0.0413	U	0.0404	U	0.0404	U	0.0503	U	0.0407	U
2,4-Dichlorophenol	120-83-2	190	2,700	~	~	0.0358	U	0.0306	U	0.0322	U	0.0470	U	0.0460	U	0.0460	U	0.0572	U	0.0464	U
2,4-Dimethylphenol	105-67-9	1,300	18,000	~	~	0.0445	U	0.0381	U	0.0401	U	0.0585	U	0.0571	U	0.0572	U	0.0711	U	0.0576	U
2,4-Dinitrophenol	51-28-5	130	1,800	~	~	0.0400	U	0.0342	U	0.0360	U	0.0525	U	0.0513	U	0.0514	U	0.0639	U	0.0518	U
2,4-Dinitrotoluene	121-14-2	0.8	3.8	~	~	0.0389	U	0.0333	U	0.0350	U	0.0511	U	0.0499	U	0.0500	U	0.0622	U	0.0504	U
2,6-Dinitrotoluene	606-20-2	0.8	4	~	~	0.0427	U	0.0365	U	0.0384	U	0.0560	U	0.0548	U	0.0548	U	0.0682	U	0.0552	U
2-Chloronaphthalene	91-58-7	4,800	67,000	~	~	0.0341	U	0.0292	U	0.0307	U	0.0448	U	0.0438	U	0.0438	U	0.0545	U	0.0442	U
2-Chlorophenol	95-57-8	390	6,500	~	~	0.0306	U	0.0262	U	0.0275	U	0.0402	U	0.0393	U	0.0393	U	0.0489	U	0.0396	U
2-Methylnaphthalene	91-57-6	240	3,300	~	~	0.0439	J	0.0269	U	0.0283	U	0.0413	U	0.0403	U	0.0404	U	0.0502	U	0.0407	U
2-Methylphenol	95-48-7	320	4,600	~	~	0.0327	U	0.0279	U	0.0294	U	0.0429	U	0.0419	U	0.0419	U	0.0522	U	0.0423	U
2-Nitroaniline	88-74-4	~	~	~	~	0.0290	U	0.0248	U	0.0261	U	0.0380	U	0.0372	U	0.0372	U	0.0463	U	0.0375	U
2-Nitrophenol	88-75-5	~	~	~	~	0.0457	U	0.0391	U	0.0411	U	0.0600	U	0.0587	U	0.0587	U	0.0730	U	0.0592	U
3- & 4-Methylphenols	65794-96-9	630	9,100	~	~	0.0321	U	0.0274	U	0.0289	U	0.0421	U	0.0412	U	0.0412	U	0.0512	U	0.0415	U
3,3-Dichlorobenzidine	91-94-1	1.2	5.7	~	~	0.0315	U	0.0269	U	0.0283	U	0.0413	U	0.0404	U	0.0404	U	0.0502	U	0.0407	U
3-Nitroaniline	99-09-2	~	~	~	~	0.0389	U	0.0333	U	0.0350	U	0.0511	U	0.0499	U	0.0500	U	0.0622	U	0.0504	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	0.0536	U	0.0458	U	0.0482	U	0.0704	U	0.0688	U	0.0688	U	0.0856	U	0.0693	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	0.0423	U	0.0362	U	0.0381	U	0.0556	U	0.0543	U	0.0544	U	0.0676	U	0.0548	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	0.0340	U	0.0290	U	0.0305	U	0.0446	U	0.0436	U	0.0436	U	0.0543	U	0.0440	U
4-Chloroaniline	106-47-8	2.7	13	~	~	0.0322	U	0.0276	U	0.0290	U	0.0423	U	0.0414	U	0.0414	U	0.0515	U	0.0417	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	0.0426	U	0.0364	U	0.0383	U	0.0560	U	0.0547	U	0.0547	U	0.0681	U	0.0552	U
4-Nitroaniline	100-01-6	27	130	~	~	0.0367	U	0.0314	U	0.0330	U	0.0483	U	0.0472	U	0.0472	U	0.0587	U	0.0476	U
4-Nitrophenol	100-02-7	~	~	~	~	0.0606	U	0.0518	U	0.0545	U	0.0795	U	0.0777	U	0.0778	U	0.0967	U	0.0784	U
Acenaphthene	83-32-9	3,600	50,000	~	~	0.174		0.0325	U	0.0342	U	0.0499	U	0.0487	U	0.0488	U	0.0607	U	0.0492	U
Acenaphthylene	208-96-8	~	~	~	~	0.0345	J	0.0431	J	0.0295	U	0.0430	U	0.0421	U	0.0421	U	0.0524	U	0.0424	U
Acetophenone	98-86-2	7,800	130,000	~	~	0.0314	U	0.0269	U	0.0282	U	0.0412	U	0.0403	U	0.0403	U	0.0502	U	0.0406	U
Aniline	62-53-3	~	~	~	~	0.0446	U	0.0381	U	0.0401	U	0.0586	U	0.0572	U	0.0573	U	0.0712	U	0.0577	U
Anthracene	120-12-7	18,000	250,000	~	~	0.326		0.102		0.0561	J	0.0711	J	0.0440	U	0.0806	J	0.0747	J	0.0780	J
Atrazine	1912-24-9	220	3,200	~	~	0.0366	U	0.0313	U	0.0330	U	0.0481	U	0.0470	U	0.0471	U	0.0585	U	0.0474	U
Benzaldehyde	100-52-7	170	910	~	~	0.0373	U	0.0319	U	0.0335	U	0.0490	U	0.0478	U	0.0479	U	0.0596	U	0.0483	U
Benzidine	92-87-5	~	~	~	~	0.0124	U	0.0106	U	0.0111	U	0.0163	U	0.0159	U	0.0159	U	0.0198	U	0.0160	U
Benzo(a)anthracene	56-55-3	5.1	23	78,000	370,000	0.625		0.471		0.234		0.216		0.0816	J	0.283		0.248		0.274	
Benzo(a)pyrene	50-32-8	0.51	2.3	3,500	16,000	**0.630**		**0.570**		0.273		0.218		0.0832	J	0.310		0.207		0.308	
Benzo(b)fluoranthene	205-99-2	5.1	23	78,000	370,000	0.553		0.510		0.259		0.208		0.0790	J	0.279		0.193		0.282	
Benzo(g,h,i)perylene	191-24-2	~	~	~	~	0.340		0.348		0.172		0.136		0.0500	J	0.191		0.117	J	0.218	
Benzo(k)fluoranthene	207-08-9	51	230	780,000	~	0.386		0.390		0.181		0.157		0.0558	J	0.236		0.168		0.219	
Benzoic acid	65-85-0	~	~	~	~	0.0431	U	0.0369	U	0.0388	U	0.0566	U	0.0553	U	0.0554	U	0.0689	U	0.0558	U
Benzyl alcohol	100-51-6	~	~	~	~	0.0318	U	0.0272	U	0.0286	U	0.0418	U	0.0408	U	0.0409	U	0.0508	U	0.0412	U
Benzyl butyl phthalate	85-68-7	290	1,300	~	~	0.0448	U	0.0383	U	0.0403	U	0.0588	U	0.0574	U	0.0575	U	0.0715	U	0.0579	U
Bis(2-chloroethoxy)methane	111-91-1	190	2,700	~	~	0.0320	U	0.0273	U	0.0287	U	0.0420	U	0.0410	U	0.0410	U	0.0510	U	0.0414	U
Bis(2-chloroethyl)ether	111-44-4	0.63	3.3	~	~	0.0238	U	0.0204	U	0.0214	U	0.0313	U	0.0306	U	0.0306	U	0.0381	U	0.0309	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	0.0455	U	0.0389	U	0.0409	U	0.0597	U	0.0583	U	0.0584	U	0.0726	U	0.0589	U
Bis(2-ethylhexyl)phthalate	117-81-7	39	180	~	~	0.0443	U	0.0379	U	0.0398	U	0.0582	U	0.0568	U	0.0569	U	0.0707	U	0.268	
Caprolactam	105-60-2	32,000	460,000	290	1,300	0.0500	U	0.0427	U	0.0450	U	0.0656	U	0.0641	U	0.0642	U	0.0798	U	0.0647	U
Carbazole	86-74-8	~	~	~	~	0.114		0.0474	J	0.0307	U	0.0448	U	0.0438	U	0.0438	U	0.0545	U	0.0442	U
Chrysene	218-01-9	510	2,300	~	~	0.566		0.424		0.217		0.187		0.0695	J	0.260		0.223		0.247	
Dibenzo(a,h)anthracene	53-70-3	0.51	2.3	7,800	37,000	0.0324	J	0.0344	J	0.0277	U	0.0404	U	0.0395	U	0.0395	U	0.0550	J	0.0398	U
Dibenzofuran	132-64-9	~	~	~	~	0.0960	J	0.0290	U	0.0305	U	0.0446	U	0.0435	U	0.0436	U	0.0542	U	0.0439	U
Diethyl phthalate	84-66-2	51,000	730,000	~	~	0.0391	U	0.0334	U	0.0351	U	0.0513	U	0.0501	U	0.0502	U	0.0624	U	0.0506	U
Dimethyl phthalate	131-11-3	~	~	~	~	0.0351	U	0.0300	U	0.0316	U	0.0461	U	0.0450	U	0.0451	U	0.0560	U	0.0454	U

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-31-CS-57 26H0771-29 8/13/2026 12:30:00 PM Soil		HD161DPL GSI TP-27-CS-58 26H0771-31 8/13/2026 12:50:00 PM Soil		HD161DPL GSI TP-33-CS-59 26H0771-33 8/13/2026 1:10:00 PM Soil		HD161DPL GSI TP-33-CS-60 26H0771-35 8/13/2026 2:25:00 PM Soil		HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 MASTER						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	
Di-n-butyl phthalate	84-74-2	6,300	91,000	~	~	0.0432	U	0.0369	U	0.0388	U	0.0567	U	0.0554	U	0.0554	U	0.0689	U	0.0559	U
Di-n-octyl phthalate	117-84-0	630	9,100	~	~	0.0328	U	0.0281	U	0.0295	U	0.0431	U	0.0421	U	0.0421	U	0.0524	U	0.0425	U
Fluoranthene	206-44-0	2,400	33,000	~	~	1.840	E	0.889		0.446		0.454		0.141		0.552		0.442		0.550	
Fluorene	86-73-7	2,400	33,000	~	~	0.164		0.0332	U	0.0349	U	0.0509	U	0.0498	U	0.0498	U	0.0619	U	0.0502	U
Hexachlorobenzene	118-74-1	0.43	2.3	~	~	0.0416	U	0.0355	U	0.0374	U	0.0546	U	0.0533	U	0.0534	U	0.0664	U	0.0538	U
Hexachlorobutadiene	87-68-3	8.9	47	~	~	0.0343	U	0.0293	U	0.0309	U	0.0451	U	0.0440	U	0.0441	U	0.0548	U	0.0444	U
Hexachlorocyclopentadiene	77-47-4	470	7,800	2.7	~	0.0516	U	0.0441	U	0.0464	U	0.0678	U	0.0662	U	0.0663	U	0.0824	U	0.0668	U
Hexachloroethane	67-72-1	17	91	~	~	0.0398	U	0.0340	U	0.0358	U	0.0522	U	0.0510	U	0.0511	U	0.0635	U	0.0515	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	23	78,000	370,000	0.331		0.342		0.163		0.127	J	0.0516	J	0.196		0.128	J	0.204	
Isophorone	78-59-1	570	2,700	~	~	0.0344	U	0.0294	U	0.0309	U	0.0451	U	0.0441	U	0.0441	U	0.0549	U	0.0445	U
Naphthalene	91-20-3	2,500	34,000	5.7	27	0.0410	J	0.0306	U	0.0322	U	0.0470	U	0.0460	U	0.0460	U	0.0572	U	0.0463	U
Nitrobenzene	98-95-3	160	2,600	7.5	36	0.0346	U	0.0296	U	0.0312	U	0.0455	U	0.0445	U	0.0445	U	0.0553	U	0.0448	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	0.0447	U	0.0382	U	0.0402	U	0.0587	U	0.0573	U	0.0574	U	0.0714	U	0.0578	U
N-nitroso-di-n-propylamine	621-64-7	0.17	0.36	~	~	0.0335	U	0.0286	U	0.0301	U	0.0439	U	0.0429	U	0.0430	U	0.0534	U	0.0433	U
N-Nitrosodiphenylamine	86-30-6	110	520	~	~	0.0413	U	0.0353	U	0.0372	U	0.0543	U	0.0530	U	0.0531	U	0.0660	U	0.0535	U
Pentachlorophenol	87-86-5	1	4.4	~	~	0.0457	U	0.0391	U	0.0411	U	0.0600	U	0.0586	U	0.0587	U	0.0730	U	0.0591	U
Phenanthrene	85-01-8	~	~	~	~	1.810	E	0.348		0.189		0.194		0.0426	J	0.295		0.179		0.191	
Phenol	108-95-2	19,000	270,000	39,000	~	0.0433	U	0.0370	U	0.0389	U	0.0569	U	0.0556	U	0.0556	U	0.0692	U	0.0560	U
Pyrene	129-00-0	1,800	25,000	~	~	1.450		0.757		0.372		0.405		0.130	J	0.466		0.447		0.466	
PEST, 8081 MASTER						mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor						5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	2.3	11	~	~	NT		NT		NT		0.00619	DP	NT		NT		0.00504	DP	0.00364	U
4,4'-DDD [2C]	72-54-8	~	~			0.00481	D	0.00891	D	0.00369	U	NT		0.00468	DP	0.00522	DP	NT		NT	
4,4'-DDE	72-55-9	2	11	~	~	0.00243	DP	0.00710	D	0.00272	DP	0.00183	U	0.00412	D	0.00408	D	0.00271	DP	0.00182	U
4,4'-DDE [2C]	72-55-9	2	11	~	~	NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDT	50-29-3	1.9	9.5	~	~	0.00417	U	0.0113	D	0.00369	U	0.00367	U	0.00359	U	0.00756	D	0.00442	U	0.00364	U
Aldrin	309-00-2	0.041	0.21	~	~	0.00208	U	0.00175	U	0.00184	U	0.00183	U	0.00179	U	0.00181	U	0.00221	U	0.00182	U
alpha-BHC	319-84-6	0.086	0.41	~	~	0.00625	U	0.00526	U	0.00553	U	0.00550	U	0.00538	U	0.00542	U	0.00663	U	0.00546	U
alpha-Chlordane	5103-71-9	~	~	~	~	0.00417	U	NT		NT		NT		0.00359	U	NT		0.00442	U	0.00364	U
alpha-Chlordane [2C]	5103-71-9	~	~	~	~	NT		0.00351	U	0.00369	U	0.00367	U	NT		0.00361	U	NT		NT	
beta-BHC	319-85-7	0.3	1.4	~	~	0.00938	U	0.00789	U	0.00830	U	0.00825	U	0.00807	U	0.00812	U	0.00994	U	0.00819	U
Chlordane, total	57-74-9	0.27	1.4	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0181	U	0.0221	U	0.0182	U
delta-BHC	319-86-8	~	~	~	~	0.00625	U	0.00526	U	0.00553	U	0.00550	U	0.00538	U	0.00542	U	0.00663	U	0.00546	U
Dieldrin	60-57-1	0.034	0.16	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00655	D	0.00442	U	0.00364	U
Endosulfan I	959-98-8	470	7,800	~	~	0.00208	U	0.00175	U	0.00184	U	0.00183	U	0.00179	U	0.00181	U	0.00221	U	0.00182	U
Endosulfan II	33213-65-9	470	7,800	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Endosulfan sulfate	1031-07-8	~	~	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Endrin	72-20-8	19	270	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Endrin aldehyde	7421-93-4	~	~	~	~	0.00625	U	0.00526	U	0.00553	U	0.00550	U	0.00538	U	0.00542	U	0.00663	U	0.00546	U
Endrin ketone	53494-70-5	~	~	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
gamma-BHC (Lindane)	58-89-9	0.57	2.8	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
gamma-Chlordane	5566-34-7	~	~	~	~	0.00417	U	0.00411	D	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Heptachlor	76-44-8	0.15	0.81	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Heptachlor epoxide	1024-57-3	0.076	0.40	~	~	0.00208	U	0.00175	U	0.00184	U	0.00183	U	0.00179	U	0.00181	U	0.00221	U	0.00182	U
Methoxychlor	72-43-5	320	4,600	~	~	0.00417	U	0.00351	U	0.00369	U	0.00367	U	0.00359	U	0.00361	U	0.00442	U	0.00364	U
Toxaphene	8001-35-2	0.49	2.3	~	~	0.104	U	0.0877	U	0.0922	U	0.0917	U	0.0896	U	0.0903	U	0.110	U	0.0910	U
PCB, 8082 MASTER						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	
Aroclor 1016	12674-11-2	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1221	11104-28-2	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1232	11141-16-5	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1242	53469-21-9	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0304		0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1248	12672-29-6	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1254	11097-69-1	~	~	~	~	0.0208	U	0.0175	U	0.0241		0.0715		0.0266		0.0661		0.0231		0.0182	U
Aroclor 1260	11096-82-5	~	~	~	~	0.0208	U	0.0175	U	0.0230		0.0343		0.0220		0.0180	U	0.0221	U	0.0182	U
Aroclor 1262	37324-23-5	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0180	U	0.0221	U	0.0182	U
Aroclor 1268	11100-14-4	~	~	~	~	0.0208	U	0.0175	U	0.0184	U	0.0183	U	0.0179	U	0.0209		0.0221	U	0.0182	U
Total PCBs	1336-36-3	0.25	1.1	~	~	0.0625	U	0.0526	U	0.0553	U	0.136		0.0602		0.0869		0.0588		0.0275	

Table 3B
Soil Analytical Results - NJDEP Comparison - SVOCs, PCBs, Pesticides, Metals
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		NJDEP SRS Ingestion Dermal - Residential	NJDEP SRS - Ingestion Dermal - NonResidential	NJDEP SRS Inhalation - Residential	NJDEP SRS Inhalation - NonResidential	HD161DPL GSI TP-31-CS-57 26H0771-29 8/13/2026 12:30:00 PM Soil		HD161DPL GSI TP-27-CS-58 26H0771-31 8/13/2026 12:50:00 PM Soil		HD161DPL GSI TP-33-CS-59 26H0771-33 8/13/2026 1:10:00 PM Soil		HD161DPL GSI TP-33-CS-60 26H0771-35 8/13/2026 2:25:00 PM Soil		HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		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	
Aluminum	7429-90-5	78,000	~	~	~	7,100		7,730		7,240		5,660		4,960		6,750		7,320		4,710	
Antimony	7440-36-0	31	520	~	~	2.620	U	2.200	U	2.280	U	2.260	U	2.250	U	2.230	U	2.730	U	2.250	U
Arsenic	7440-38-2	19	19	1,100	5,200	4.710		4.060		4.790		2.610		3.320		5.600		3.760		3.400	
Barium	7440-39-3	16,000	260,000	870,000	~	118		89.600		75.100		55.700		54.300		228		79.200		93.800	
Beryllium	7440-41-7	160	2,600	2,000	9,300	0.307		0.238		0.327		0.157		0.115		0.287		0.252		0.175	
Cadmium	7440-43-9	71	1,100	2,600	12,000	0.483		0.317		0.373		0.272	U	0.270	U	0.733		0.360		0.441	
Calcium	7440-70-2	~	~	~	~	4,400		3,230		3,320		2,500		2,760		3,200		4,110		3,770	
Chromium	7440-47-3	~	~	~	~	20.900		20.400		27.800		15.900		12.700		18.900		31.300		18.400	
Cobalt	7440-48-4	23	390	520	2,500	7.380		7.980		8.110		6.330		4.980		7.220		7.980		4.140	
Copper	7440-50-8	3,100	52,000	~	~	43.400		46.800		70.700		24.100		19.800		51.200		30.300		41.300	
Iron	7439-89-6	~	~	~	~	13,100		13,700		16,400		10,400		9,030		18,200		12,800		9,490	
Lead	7439-92-1	200	800	~	~	**254**		**212**		120		61.200		67.900		**265**		183		154	
Magnesium	7439-95-4	~	~	~	~	3,040		3,900		3,190		2,910		2,370		3,210		3,260		2,140	
Manganese	7439-96-5	1,900	31,000	87,000	400,000	250		243		283		198		178		250		296		141	
Nickel	7440-02-0	1,600	26,000	20,000	93,000	44.300		55.800		59.300		52.800		29.800		40		66.200		24	
Potassium	7440-09-7	~	~	~	~	1,130		1,450		1,140		1,100		1,000		1,010		1,230		685	
Selenium	7782-49-2	390	6,500	~	~	2.620	U	2.200	U	2.280	U	2.260	U	2.250	U	2.230	U	2.730	U	2.250	U
Silver	7440-22-4	390	6,500	~	~	0.529	U	0.443	U	0.459	U	0.456	U	0.453	U	0.450	U	0.549	U	0.454	U
Sodium	7440-23-5	~	~	~	~	111		202		143		101		108		128		159		96.500	
Thallium	7440-28-0	~	~	~	~	2.100	U	1.760	U	1.820	U	1.810	U	1.800	U	1.790	U	2.180	U	1.810	U
Vanadium	7440-62-2	390	6,500	170,000	800,000	28.700		41.300		30.900		19.100		16.900		36.100		202		23.200	
Zinc	7440-66-6	23,000	390,000	~	~	229		173		155		63.300		58.400		216		88.900		119	
Mercury by 7473		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	
Mercury	7439-97-6	23	390	520,000	~	0.109		1.530		0.483		0.314		0.284		0.713		0.300		0.423	
Cyanide, Total		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	
Cyanide, total	57-12-5	47	780	~	~	0.630	U	0.528	U	0.555	U	0.552	U	0.540	U	0.545	U	0.665	U	0.549	U
Hexavalent Chromium-7196		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	
Chromium, Hexavalent	18540-29-9	240	6,100	270	20	2.780		0.528	U	0.555	U	0.552	U	0.540	U	0.545	U	0.665	U	0.549	U
Temperature						°C		°C		°C		°C		°C		°C		°C		°C	
Dilution Factor						1		1		1		1		1		1		1		1	
Temperature	TEMP	~	~	~	~	22.5		22.2		21.9		21.7		21.9		21.6		21.6		21.6	
SW846-%Solid						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
Percent Solid	HNX - PCTSOLI	~	~	~	~	76		96		91		88		93		91		90		91	
Total Solids						%		%		%		%		%		%		%		%	
Dilution Factor						1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	79.4	B	94.7	B	90.1	B	90.6	B	92.7	B	91.7	B	75.2	B	91	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 e
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 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI CS-1		HD161DPL GSI CS-2		HD161DPL GSI CS-3		HD161DPL GSI CS-4		HD161DPL GSI CS-5		HD161DPL GSI CS-6		HD161DPL GSI CS-7		HD161DPL GSI CS-8		HD161DPL GSI CS-9		HD161DPL GSI CS-10	
Sample ID		26H0577-01		26H0577-03		26H0577-05		26H0577-07		26H0577-09		26H0577-11		26H0577-13		26H0577-15		26H0577-17		26H0577-19	
Sampling Date		8/11/2026 8:45:00 AM		8/11/2026 9:15:00 AM		8/11/2026 9:55:00 AM		8/11/2026 10:45:00 AM		8/11/2026 11:25:00 AM		8/11/2026 11:35:00 AM		8/11/2026 11:45:00 AM		8/11/2026 12:05:00 PM		8/11/2026 12:15:00 PM		8/11/2026 12:35:00 PM	
Client Matrix		Soil		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	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
pH	pH	7.86		7.79		8.03		6.99		7.75		7.91		7.67		7.82		7.82		7.62	
Ignitability		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		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.		Non-Ignit.	
Reactivity-Cyanide		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	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		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	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		5		5		5		5		1		5		5		5		5		5	
Total EPH (C9-C40)	PHNX - C9-C40	130	U	130	U	130	U	160	U	26	U	130	U	130	U	130	U	230	U	130	U
Paint Filter Test		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		Free Liquid Present		No Free Liquid	
SW846-%Solid		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	89		93		90		75		91		93		91		89		75		89	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	90.6	B	92.7	B	91.3	B	70.4	B	90.3	B	92.4	B	92	B	88.7	B	74.7	B	90.3	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.
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 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI CS-11		HD161DPL GSI CS-12		HD161DPL GSI CS-13		HD161DPL GSI CS-14		HD161DPL GSI CS-15		HD161DPL GSI TP-10-CS-16		HD161DPL GSI TP-10-CS-17		HD161DPL GSI TP-10-CS-18		HD161DPL GSI TP-9-CS-19		HD161DPL GSI TP-9-CS-20	
Sample ID		26H0577-21		26H0577-23		26H0577-25		26H0577-27		26H0577-29		26H0685-01		26H0685-03		26H0685-05		26H0685-07		26H0685-09	
Sampling Date		8/11/2026 12:45:00 PM		8/11/2026 12:55:00 PM		8/11/2026 1:30:00 PM		8/11/2026 1:40:00 PM		8/11/2026 1:50:00 PM		8/12/2026 7:45:00 AM		8/12/2026 8:20:00 AM		8/12/2026 8:30:00 AM		8/12/2026 8:45:00 AM		8/12/2026 9:05:00 AM	
Client Matrix		Soil		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	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
pH	pH	7.62		7.68		7.62		7.63		7.56		7.69		7.69		7.82		7.71		7.89	
Ignitability		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		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.		Non-Ignit.	
Reactivity-Cyanide		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	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		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	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		5		5		5		1		1		5		5		5		5		5	
Total EPH (C9-C40)	PHNX - C9-C40	130	U	140	U	130	U	49	U	47	U	140	U	140	U	130	U	140	U	130	U
Paint Filter Test		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid	
SW846-%Solid		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	87		86		89		71		75		88		87		89		87		88	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	85.9	B	85.2	B	86.9	B	79.8	B	86.3	B	90.2	B	88.5	B	90.8	B	87.3	B	88.1	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds v
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI TP-9-CS-21		HD161DPL GSI TP-8/15-CS-22		HD161DPL GSI TP-16-CS-23		HD161DPL GSI TP-16-CS-24		HD161DPL GSI TP-17-CS-25		HD161DPL GSI TP-17-CS-26		HD161DPL GSI TP-17-CS-27		HD161DPL GSI TP-18-CS-28		HD161DPL GSI TP-18-CS-29		HD161DPL GSI TP-19-CS-30	
Sample ID		26H0685-11		26H0685-13		26H0685-15		26H0685-17		26H0685-19		26H0685-21		26H0685-23		26H0685-25		26H0685-27		26H0685-29	
Sampling Date		8/12/2026 8:00:00 AM		8/12/2026 9:25:00 AM		8/12/2026 10:05:00 AM		8/12/2026 10:15:00 AM		8/12/2026 11:05:00 AM		8/12/2026 11:15:00 AM		8/12/2026 11:25:00 AM		8/12/2026 11:35:00 AM		8/12/2026 11:45:00 AM		8/12/2026 11:55:00 AM	
Client Matrix		Soil		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	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
pH	pH	7.73		8.15		7.82		7.72		7.72		7.84		7.82		7.87		8.04		8.2	
Ignitability		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		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.		Non-Ignit.	
Reactivity-Cyanide		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	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		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	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		5		5		5		5		5		1		5		5		5		1	
Total EPH (C9-C40)	PHNX - C9-C40	140	U	130	U	270		130	U	140	U	48		140	U	140	U	140	U	26	U
Paint Filter Test		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		Free Liquid Present		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid	
SW846-%Solid		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	87		92		74		90		86		81		88		87		85		92	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	85.8	B	91.7	B	79.1	B	89.8	B	89.1	B	87.2	B	88.2	B	88.3	B	81.7	B	90.2	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds v
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI TP-19-CS-31		HD161DPL GSI TP-20-CS-32		HD161DPL GSI TP-20-CS-33		HD161DPL GSI TP-21-CS-34		HD161DPL GSI TP-21-CS-35		HD161DPL GSI TP-21-CS-36		HD161DPL GSI TP-26-CS-37		HD161DPL GSI TP-26-CS-38		HD161DPL GSI TP-25-CS-39		HD161DPL GSI TP-25-CS-40	
Sample ID		**26H0685-31**		**26H0685-33**		**26H0685-35**		**26H0685-37**		**26H0685-39**		**26H0685-41**		**26H0685-43**		**26H0685-45**		**26H0685-47**		**26H0685-49**	
Sampling Date		**8/12/2026 12:05:00 PM**		**8/12/2026 12:15:00 PM**		**8/12/2026 12:25:00 PM**		**8/12/2026 12:35:00 PM**		**8/12/2026 12:45:00 PM**		**8/12/2026 12:55:00 PM**		**8/12/2026 1:15:00 PM**		**8/12/2026 1:25:00 PM**		**8/12/2026 1:35:00 PM**		**8/12/2026 1:45:00 PM**	
Client Matrix		**Soil**		**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	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
pH	pH	7.89		7.61		7.71		7.51		7.59		7.8		8		7.87		7.98		7.93	
Ignitability		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		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.		Non-Ignit.	
Reactivity-Cyanide		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	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		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	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		10		5		10		5		5		5		1		5		5		5	
Total EPH (C9-C40)	PHNX - C9-C40	270	U	130	U	270	U	130	U	130	U	130	U	27	U	140	U	130	U	130	U
Paint Filter Test		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid	
SW846-%Solid		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	87		90		87		91		91		94		90		84		90		91	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	88.2	B	88.7	B	87.2	B	92	B	85.7	B	93.6	B	89.6	B	86.8	B	90.1	B	91	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds v
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI TP-24-CS-41		HD161DPL GSI TP-24-CS-42		HD161DPL GSI TP-23-C2-43		HD161DPL GSI TP-23-CS-44		HD161DPL GSI TP-22-CS-45		HD161DPL GSI TP-28-CS-46		HD161DPL GSI TP-28-CS-47		HD161DPL GSI TP-29-CS-48		HD161DPL GSI TP-29-CS-49		HD161DPL GSI TP-29-CS-50	
Sample ID		26H0685-51		26H0685-53		26H0771-01		26H0771-03		26H0771-05		26H0771-07		26H0771-09		26H0771-11		26H0771-13		26H0771-15	
Sampling Date		8/12/2026 2:05:00 PM		8/12/2026 2:15:00 PM		8/13/2026 7:50:00 AM		8/13/2026 8:00:00 AM		8/13/2026 12:40:00 PM		8/13/2026 9:00:00 AM		8/13/2026 9:15:00 AM		8/13/2026 9:45:00 AM		8/13/2026 9:55:00 AM		8/13/2026 10:30:00 AM	
Client Matrix		Soil		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	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
pH	pH	7.92		8.05		7.91		8.17		7.93		8.13		8.03		7.87		7.66		7.92	
Ignitability		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		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.		Non-Ignit.	
Reactivity-Cyanide		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	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		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	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		5		5		5		5		5		1		1		1		5		5	
Total EPH (C9-C40)	PHNX - C9-C40	130	U	130	U	130	U	130	U	120	U	47		88		28	U	140	U	130	U
Paint Filter Test		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid	
SW846-%Solid		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	88		91		89		89		95		92		90		87		85		90	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	86	B	88.7	B	90.9	B	89.2	B	96.7	B	91.8	B	88.7	B	87.6	B	89.7	B	89.7	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rc
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds v
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI TP-28-CS-51		HD161DPL GSI TP-30-CS-52		HD161DPL GSI TP-30-CS-53		HD161DPL GSI TP-30-CS-54		HD161DPL GSI TP-31-CS-55		HD161DPL GSI TP-31-CS-56		HD161DPL GSI TP-31-CS-57		HD161DPL GSI TP-27-CS-58		HD161DPL GSI TP-33-CS-59		HD161DPL GSI TP-33-CS-60	
Sample ID		**26H0771-17**		**26H0771-19**		**26H0771-21**		**26H0771-23**		**26H0771-25**		**26H0771-27**		**26H0771-29**		**26H0771-31**		**26H0771-33**		**26H0771-35**	
Sampling Date		**8/13/2026 11:20:00 AM**		**8/13/2026 10:50:00 AM**		**8/13/2026 11:00:00 AM**		**8/13/2026 11:10:00 AM**		**8/13/2026 11:55:00 AM**		**8/13/2026 12:15:00 PM**		**8/13/2026 12:30:00 PM**		**8/13/2026 12:50:00 PM**		**8/13/2026 1:10:00 PM**		**8/13/2026 2:25:00 PM**	
Client Matrix		**Soil**		**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	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
pH	pH	7.92		7.91		7.99		7.8		8.2		8.05		7.64		7.08		8		8	
Ignitability		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		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.		Non-Ignit.	
Reactivity-Cyanide		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	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		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	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		1		1		5		5		1		1		1		1		1		1	
Total EPH (C9-C40)	PHNX - C9-C40	27	U	28	U	140	U	130	U	63	U	27	U	64	U	51	U	51	U	50	U
Paint Filter Test		None		None		None		None		None		None		None		None		None		None	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid		Free Liquid Present		No Free Liquid		No Free Liquid		No Free Liquid	
SW846-%Solid		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	88		85		88		88		77		90		76		96		91		88	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	88	B	68.5	B	91.1	B	86.4	B	92.7	B	90.3	B	79.4	B	94.7	B	90.1	B	90.6	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rc
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds v
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 4
Soil Analytical Results - EPH, Paint Filter, and RCRA Characteristics (Corrosivitity, Ignitability, Reactivity)
HD161DPL Gateway Site Improvements
August 2026

Sample Name		HD161DPL GSI TP-33-CS-61		HD161DPL GSI TP-32-CS-62		HD161DPL GSI TP-32-CS-63		HD161DPL GSI TP-32-CS-64	
Sample ID		26H0771-37		26H0771-39		26H0771-41		26H0771-43	
Sampling Date		8/13/2026 1:40:00 PM		8/13/2026 2:00:00 PM		8/13/2026 2:15:00 PM		8/13/2026 2:25:00 PM	
Client Matrix		Soil		Soil		Soil		Soil	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q
Corrosivity (pH) by SM 4500/EPA 9045D		pH units		pH units		pH units		pH units	
Dilution Factor		1		1		1		1	
pH	pH	8.18		8.1		8.02		7.99	
Ignitability		None		None		None		None	
Dilution Factor		1		1		1		1	
Ignitability	IGNITB	Non-Ignit.		Non-Ignit.		Non-Ignit.		Non-Ignit.	
Reactivity-Cyanide		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		1		1		1		1	
Reactivity - Cyanide	CREAC	0.25	U	0.25	U	0.25	U	0.25	U
Reactivity-Sulfide		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		1		1		1		1	
Reactivity - Sulfide	SREAC	15	U	15	U	15	U	15	U
NJEPH 10-08 R3		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		1		1		1		10	
Total EPH (C9-C40)	PHNX - C9-C40	25	U	50	U	50	U	260	U
Paint Filter Test		None		None		None		None	
Dilution Factor		1		1		1		1	
Paint Filter Test	PF	No Free Liquid		No Free Liquid		No Free Liquid		No Free Liquid	
SW846-%Solid		%		%		%		%	
Dilution Factor		1		1		1		1	
Percent Solid	PHNX - PCTSOLID	93		91		90		91	
Total Solids		%		%		%		%	
Dilution Factor		1		1		1		1	
% Solids	solids	92.7	B	91.7	B	75.2	B	91	B

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rc
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name		EPA Hazardous Waste Limits	HD161DPL GSI CS-1		HD161DPL GSI CS-2		HD161DPL GSI CS-3		HD161DPL GSI CS-4		HD161DPL GSI CS-5		HD161DPL GSI CS-6		HD161DPL GSI CS-7		HD161DPL GSI CS-8		HD161DPL GSI CS-9		HD161DPL GSI CS-10	
Sample ID			26H0577-01		26H0577-03		26H0577-05		26H0577-07		26H0577-09		26H0577-11		26H0577-13		26H0577-15		26H0577-17		26H0577-19	
Sampling Date			8/11/2026 8:45:00 AM		8/11/2026 9:15:00 AM		8/11/2026 9:55:00 AM		8/11/2026 10:45:00 AM		8/11/2026 11:25:00 AM		8/11/2026 11:35:00 AM		8/11/2026 11:45:00 AM		8/11/2026 12:05:00 PM		8/11/2026 12:15:00 PM		8/11/2026 12:35:00 PM	
Client Matrix			Soil		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	Result	Q
VOA, TCLP MASTER		mg/L							ug/L		ug/L		ug/L		ug/L							
Dilution Factor									10		10		10		10							
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		25	U	25	U	25	U	25	U	NT		NT		NT	
SVOA, TCLP MASTER		mg/L							mg/L		mg/L		mg/L		mg/L							
Dilution Factor									1		1		1		1							
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		0.00178	U	0.00178	U	0.00178	U	0.00178	U	NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		0.00227	U	0.00227	U	0.00227	U	0.00227	U	NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		0.00181	U	0.00181	U	0.00181	U	0.00181	U	NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		0.00154	U	0.00154	U	0.00154	U	0.00154	U	NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		0.00194	U	0.00194	U	0.00194	U	0.00194	U	NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		0.00184	U	0.00184	U	0.00184	U	0.00184	U	NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		0.02	U	0.02	U	0.02	U	0.02	U	NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		0.00177	U	0.00177	U	0.00177	U	0.00177	U	NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		0.00178	U	0.00178	U	0.00178	U	0.00178	U	NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		0.00134	U	0.00134	U	0.00134	U	0.00134	U	NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		0.0018	U	0.0018	U	0.0018	U	0.0018	U	NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		0.005	U	0.005	U	0.005	U	0.005	U	NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		0.00164	U	0.00164	U	0.00164	U	0.00164	U	NT		NT		NT	
PEST, TCLP MASTER		mg/L							ug/L		ug/L		ug/L		ug/L							
Dilution Factor									1		1		1		1							
Endrin	72-20-8	0.02	NT		NT		NT		0.0444	U	0.0444	U	0.0444	U	0.0444	U	NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		0.0444	U	0.0444	U	0.0444	U	0.0444	U	NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		0.0444	U	0.0444	U	0.0444	U	0.0444	U	NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		0.0444	U	0.0444	U	0.0444	U	0.0444	U	NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		0.0444	U	0.0444	U	0.0444	U	0.0444	U	NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		1.11	U	1.11	U	1.11	U	1.11	U	NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI CS-1 26H0577-01 8/11/2026 8:45:00 AM Soil		HD161DPL GSI CS-2 26H0577-03 8/11/2026 9:15:00 AM Soil		HD161DPL GSI CS-3 26H0577-05 8/11/2026 9:55:00 AM Soil		HD161DPL GSI CS-4 26H0577-07 8/11/2026 10:45:00 AM Soil		HD161DPL GSI CS-5 26H0577-09 8/11/2026 11:25:00 AM Soil		HD161DPL GSI CS-6 26H0577-11 8/11/2026 11:35:00 AM Soil		HD161DPL GSI CS-7 26H0577-13 8/11/2026 11:45:00 AM Soil		HD161DPL GSI CS-8 26H0577-15 8/11/2026 12:05:00 PM Soil		HD161DPL GSI CS-9 26H0577-17 8/11/2026 12:15:00 PM Soil		HD161DPL GSI CS-10 26H0577-19 8/11/2026 12:35:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Beryllium, TCLP by EPA 6010									mg/L		mg/L		mg/L		mg/L							
Dilution Factor									1		1		1		1							
Beryllium	7440-41-7	~	NT		NT		NT		0.0125	U	0.0125	U	0.0125	U	0.0125	U	NT		NT		NT	
Copper, TCLP by EPA 6010									mg/L		mg/L		mg/L		mg/L							
Dilution Factor									1		1		1		1							
Copper	7440-50-8	~	NT		NT		NT		0.5	U	0.5	U	0.5	U	0.5	U	NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		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	0.375	U
Barium	7440-39-3	100	0.798		0.995		0.845		0.625	U	0.895		0.898		0.825		0.782		0.942		0.74	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	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	0.125	U
Lead	7439-92-1	5	0.345		1		0.28		0.365		0.325		0.275		0.548		0.58		0.898		1.18	
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	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	0.125	U
Nickel, TCLP by EPA 6010									mg/L		mg/L		mg/L		mg/L							
Dilution Factor									1		1		1		1							
Nickel	7440-02-0	~	NT		NT		NT		0.25	U	0.25	U	0.25	U	0.25	U	NT		NT		NT	
Zinc, TCLP by EPA 6010									mg/L		mg/L		mg/L		mg/L							
Dilution Factor									1		1		1		1							
Zinc	7440-66-6	~	NT		NT		NT		0.625	U	0.625	U	0.625	U	1.46		NT		NT		NT	
HERB, TCLP MASTER		mg/L							ug/L		ug/L		ug/L		ug/L							
Dilution Factor									1		1		1		1							
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		5	U	5	U	5	U	5	U	NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		5	U	5	U	5	U	5	U	NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation.

Total TICS values may vary slightly from the reported values due to rounding.

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
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil		HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SVOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
PEST, TCLP MASTER		mg/L																				
Dilution Factor																						
Endrin	72-20-8	0.02	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI CS-11 26H0577-21 8/11/2026 12:45:00 PM Soil		HD161DPL GSI CS-12 26H0577-23 8/11/2026 12:55:00 PM Soil		HD161DPL GSI CS-13 26H0577-25 8/11/2026 1:30:00 PM Soil		HD161DPL GSI CS-14 26H0577-27 8/11/2026 1:40:00 PM Soil		HD161DPL GSI CS-15 26H0577-29 8/11/2026 1:50:00 PM Soil		HD161DPL GSI TP-10-CS-16 26H0685-01 8/12/2026 7:45:00 AM Soil		HD161DPL GSI TP-10-CS-17 26H0685-03 8/12/2026 8:20:00 AM Soil		HD161DPL GSI TP-10-CS-18 26H0685-05 8/12/2026 8:30:00 AM Soil		HD161DPL GSI TP-9-CS-19 26H0685-07 8/12/2026 8:45:00 AM Soil		HD161DPL GSI TP-9-CS-20 26H0685-09 8/12/2026 9:05:00 AM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Beryllium, TCLP by EPA 6010																						
Dilution Factor																						
Beryllium	7440-41-7	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Copper, TCLP by EPA 6010																						
Dilution Factor																						
Copper	7440-50-8	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		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	0.375	U
Barium	7440-39-3	100	0.708		0.815		0.7		0.825		0.79		0.625	U	0.635		0.975		0.778		0.748	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	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	0.125	U
Lead	7439-92-1	5	0.86		1.04		0.588		1.1		13.8		0.29		0.48		1.45		0.452		0.662	
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	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	0.125	U
Nickel, TCLP by EPA 6010																						
Dilution Factor																						
Nickel	7440-02-0	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Zinc, TCLP by EPA 6010																						
Dilution Factor																						
Zinc	7440-66-6	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
HERB, TCLP MASTER		mg/L																				
Dilution Factor																						
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0004		0.0002	U	0.0002	U	0.0002	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds v
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI TP-9-CS-21 26H0685-11 8/12/2026 8:00:00 AM Soil		HD161DPL GSI TP-8/15-CS-22 26H0685-13 8/12/2026 9:25:00 AM Soil		HD161DPL GSI TP-16-CS-23 26H0685-15 8/12/2026 10:05:00 AM Soil		HD161DPL GSI TP-16-CS-24 26H0685-17 8/12/2026 10:15:00 AM Soil		HD161DPL GSI TP-17-CS-25 26H0685-19 8/12/2026 11:05:00 AM Soil		HD161DPL GSI TP-17-CS-26 26H0685-21 8/12/2026 11:15:00 AM Soil		HD161DPL GSI TP-17-CS-27 26H0685-23 8/12/2026 11:25:00 AM Soil		HD161DPL GSI TP-18-CS-28 26H0685-25 8/12/2026 11:35:00 AM Soil		HD161DPL GSI TP-18-CS-29 26H0685-27 8/12/2026 11:45:00 AM Soil		HD161DPL GSI TP-19-CS-30 26H0685-29 8/12/2026 11:55:00 AM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SVOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
PEST, TCLP MASTER		mg/L																				
Dilution Factor																						
Endrin	72-20-8	0.02	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name		EPA Hazardous Waste Limits	HD161DPL GSI TP-9-CS-21		HD161DPL GSI TP-8/15-CS-22		HD161DPL GSI TP-16-CS-23		HD161DPL GSI TP-16-CS-24		HD161DPL GSI TP-17-CS-25		HD161DPL GSI TP-17-CS-26		HD161DPL GSI TP-17-CS-27		HD161DPL GSI TP-18-CS-28		HD161DPL GSI TP-18-CS-29		HD161DPL GSI TP-19-CS-30	
Sample ID			26H0685-11		26H0685-13		26H0685-15		26H0685-17		26H0685-19		26H0685-21		26H0685-23		26H0685-25		26H0685-27		26H0685-29	
Sampling Date			8/12/2026 8:00:00 AM		8/12/2026 9:25:00 AM		8/12/2026 10:05:00 AM		8/12/2026 10:15:00 AM		8/12/2026 11:05:00 AM		8/12/2026 11:15:00 AM		8/12/2026 11:25:00 AM		8/12/2026 11:35:00 AM		8/12/2026 11:45:00 AM		8/12/2026 11:55:00 AM	
Client Matrix			Soil		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	Result	Q
Beryllium, TCLP by EPA 6010																						
Dilution Factor																						
Beryllium	7440-41-7	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Copper, TCLP by EPA 6010																						
Dilution Factor																						
Copper	7440-50-8	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		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	0.375	U
Barium	7440-39-3	100	1.13		0.715		0.625	U	0.66		0.625	U	0.625	U	0.692		0.715		0.885		0.74	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	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	0.125	U
Lead	7439-92-1	5	0.682		0.128		0.21		0.6		0.485		0.532		0.552		0.348		1.09		0.17	
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	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	0.125	U
Nickel, TCLP by EPA 6010																						
Dilution Factor																						
Nickel	7440-02-0	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Zinc, TCLP by EPA 6010																						
Dilution Factor																						
Zinc	7440-66-6	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
HERB, TCLP MASTER		mg/L																				
Dilution Factor																						
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil		HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SVOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
PEST, TCLP MASTER		mg/L																				
Dilution Factor																						
Endrin	72-20-8	0.02	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI TP-19-CS-31 26H0685-31 8/12/2026 12:05:00 PM Soil		HD161DPL GSI TP-20-CS-32 26H0685-33 8/12/2026 12:15:00 PM Soil		HD161DPL GSI TP-20-CS-33 26H0685-35 8/12/2026 12:25:00 PM Soil		HD161DPL GSI TP-21-CS-34 26H0685-37 8/12/2026 12:35:00 PM Soil		HD161DPL GSI TP-21-CS-35 26H0685-39 8/12/2026 12:45:00 PM Soil		HD161DPL GSI TP-21-CS-36 26H0685-41 8/12/2026 12:55:00 PM Soil		HD161DPL GSI TP-26-CS-37 26H0685-43 8/12/2026 1:15:00 PM Soil		HD161DPL GSI TP-26-CS-38 26H0685-45 8/12/2026 1:25:00 PM Soil		HD161DPL GSI TP-25-CS-39 26H0685-47 8/12/2026 1:35:00 PM Soil		HD161DPL GSI TP-25-CS-40 26H0685-49 8/12/2026 1:45:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Beryllium, TCLP by EPA 6010																						
Dilution Factor																						
Beryllium	7440-41-7	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Copper, TCLP by EPA 6010																						
Dilution Factor																						
Copper	7440-50-8	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		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	0.375	U
Barium	7440-39-3	100	1.34		1.19		1.13		0.755		0.902		0.625	U	0.822		1.14		0.625	U	0.975	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	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	0.125	U
Lead	7439-92-1	5	62		1.45		0.865		0.29		0.645		1.71		0.245		0.442		0.535		0.59	
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	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	0.125	U
Nickel, TCLP by EPA 6010																						
Dilution Factor																						
Nickel	7440-02-0	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Zinc, TCLP by EPA 6010																						
Dilution Factor																						
Zinc	7440-66-6	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
HERB, TCLP MASTER		mg/L																				
Dilution Factor																						
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name		EPA Hazardous Waste Limits	HD161DPL GSI TP-24-CS-41		HD161DPL GSI TP-24-CS-42		HD161DPL GSI TP-23-C2-43		HD161DPL GSI TP-23-CS-44		HD161DPL GSI TP-22-CS-45		HD161DPL GSI TP-28-CS-46		HD161DPL GSI TP-28-CS-47		HD161DPL GSI TP-29-CS-48		HD161DPL GSI TP-29-CS-49		HD161DPL GSI TP-29-CS-50	
Sample ID			26H0685-51		26H0685-53		26H0771-01		26H0771-03		26H0771-05		26H0771-07		26H0771-09		26H0771-11		26H0771-13		26H0771-15	
Sampling Date			8/12/2026 2:05:00 PM		8/12/2026 2:15:00 PM		8/13/2026 7:50:00 AM		8/13/2026 8:00:00 AM		8/13/2026 12:40:00 PM		8/13/2026 9:00:00 AM		8/13/2026 9:15:00 AM		8/13/2026 9:45:00 AM		8/13/2026 9:55:00 AM		8/13/2026 10:30:00 AM	
Client Matrix			Soil		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	Result	Q
VOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SVOA, TCLP MASTER		mg/L																				
Dilution Factor																						
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
PEST, TCLP MASTER		mg/L																				
Dilution Factor																						
Endrin	72-20-8	0.02	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name		EPA Hazardous Waste Limits	HD161DPL GSI TP-24-CS-41		HD161DPL GSI TP-24-CS-42		HD161DPL GSI TP-23-C2-43		HD161DPL GSI TP-23-CS-44		HD161DPL GSI TP-22-CS-45		HD161DPL GSI TP-28-CS-46		HD161DPL GSI TP-28-CS-47		HD161DPL GSI TP-29-CS-48		HD161DPL GSI TP-29-CS-49		HD161DPL GSI TP-29-CS-50	
Sample ID			26H0685-51		26H0685-53		26H0771-01		26H0771-03		26H0771-05		26H0771-07		26H0771-09		26H0771-11		26H0771-13		26H0771-15	
Sampling Date			8/12/2026 2:05:00 PM		8/12/2026 2:15:00 PM		8/13/2026 7:50:00 AM		8/13/2026 8:00:00 AM		8/13/2026 12:40:00 PM		8/13/2026 9:00:00 AM		8/13/2026 9:15:00 AM		8/13/2026 9:45:00 AM		8/13/2026 9:55:00 AM		8/13/2026 10:30:00 AM	
Client Matrix			Soil		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	Result	Q
Beryllium, TCLP by EPA 6010																						
Dilution Factor																						
Beryllium	7440-41-7	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Copper, TCLP by EPA 6010																						
Dilution Factor																						
Copper	7440-50-8	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		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	0.375	U
Barium	7440-39-3	100	0.625	U	0.65		0.705		0.75		0.625	U	0.898		0.808		0.702		0.845		0.982	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	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	0.125	U
Lead	7439-92-1	5	0.418		0.36		0.412		0.615		0.135		0.32		0.288		0.488		0.495		0.53	
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	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	0.125	U
Nickel, TCLP by EPA 6010																						
Dilution Factor																						
Nickel	7440-02-0	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Zinc, TCLP by EPA 6010																						
Dilution Factor																						
Zinc	7440-66-6	~	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
HERB, TCLP MASTER		mg/L																				
Dilution Factor																						
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name		EPA Hazardous Waste Limits	HD161DPL GSI TP-28-CS-51		HD161DPL GSI TP-30-CS-52		HD161DPL GSI TP-30-CS-53		HD161DPL GSI TP-30-CS-54		HD161DPL GSI TP-31-CS-55		HD161DPL GSI TP-31-CS-56		HD161DPL GSI TP-31-CS-57		HD161DPL GSI TP-27-CS-58		HD161DPL GSI TP-33-CS-59		HD161DPL GSI TP-33-CS-60	
Sample ID			26H0771-17		26H0771-19		26H0771-21		26H0771-23		26H0771-25		26H0771-27		26H0771-29		26H0771-31		26H0771-33		26H0771-35	
Sampling Date			8/13/2026 11:20:00 AM		8/13/2026 10:50:00 AM		8/13/2026 11:00:00 AM		8/13/2026 11:10:00 AM		8/13/2026 11:55:00 AM		8/13/2026 12:15:00 PM		8/13/2026 12:30:00 PM		8/13/2026 12:50:00 PM		8/13/2026 1:10:00 PM		8/13/2026 2:25:00 PM	
Client Matrix			Soil		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	Result	Q
VOA, TCLP MASTER		mg/L									mg/L		mg/L		mg/L							
Dilution Factor											10		10		10							
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		NT		0.025	U	0.025	U	0.025	U	NT		NT		NT	
SVOA, TCLP MASTER		mg/L									mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT		0.00178	U	0.00178	U	0.00178	U	NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		NT		0.00227	U	0.00227	U	0.00227	U	NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		NT		0.00181	U	0.00181	U	0.00181	U	NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		NT		0.00154	U	0.00154	U	0.00154	U	NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		NT		0.00194	U	0.00194	U	0.00194	U	NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		NT		0.00184	U	0.00184	U	0.00184	U	NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		NT		0.02	U	0.02	U	0.02	U	NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		NT		0.00177	U	0.00177	U	0.00177	U	NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		NT		0.00178	U	0.00178	U	0.00178	U	NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		NT		0.00134	U	0.00134	U	0.00134	U	NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		NT		0.0018	U	0.0018	U	0.0018	U	NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		NT		0.005	U	0.005	U	0.005	U	NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		NT		0.00164	U	0.00164	U	0.00164	U	NT		NT		NT	
PEST, TCLP MASTER		mg/L									mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
Endrin	72-20-8	0.02	NT		NT		NT		NT		0.0000444	U	0.0000444	U	0.0000444	U	NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		NT		0.0000444	U	0.0000444	U	0.0000444	U	NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		NT		0.0000444	U	0.0000444	U	0.0000444	U	NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		NT		0.0000444	U	0.0000444	U	0.0000444	U	NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		NT		0.0000444	U	0.0000444	U	0.0000444	U	NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		NT		0.00111	U	0.00111	U	0.00111	U	NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name		EPA Hazardous Waste Limits	HD161DPL GSI TP-28-CS-51		HD161DPL GSI TP-30-CS-52		HD161DPL GSI TP-30-CS-53		HD161DPL GSI TP-30-CS-54		HD161DPL GSI TP-31-CS-55		HD161DPL GSI TP-31-CS-56		HD161DPL GSI TP-31-CS-57		HD161DPL GSI TP-27-CS-58		HD161DPL GSI TP-33-CS-59		HD161DPL GSI TP-33-CS-60	
Sample ID			26H0771-17		26H0771-19		26H0771-21		26H0771-23		26H0771-25		26H0771-27		26H0771-29		26H0771-31		26H0771-33		26H0771-35	
Sampling Date			8/13/2026 11:20:00 AM		8/13/2026 10:50:00 AM		8/13/2026 11:00:00 AM		8/13/2026 11:10:00 AM		8/13/2026 11:55:00 AM		8/13/2026 12:15:00 PM		8/13/2026 12:30:00 PM		8/13/2026 12:50:00 PM		8/13/2026 1:10:00 PM		8/13/2026 2:25:00 PM	
Client Matrix			Soil		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	Result	Q
Beryllium, TCLP by EPA 6010											mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
Beryllium	7440-41-7	~	NT		NT		NT		NT		0.0125	U	0.0125	U	0.0125	U	NT		NT		NT	
Copper, TCLP by EPA 6010											mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
Copper	7440-50-8	~	NT		NT		NT		NT		0.5	U	0.5	U	0.5	U	NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		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	0.375	U
Barium	7440-39-3	100	0.685		0.828		0.938		1.18		0.625	U	0.722		0.835		1.07		0.832		0.79	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	U	0.075	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	0.125	U
Lead	7439-92-1	5	0.342		0.165		0.325		0.605		0.125	U	0.192		0.66		0.39		0.142		0.288	
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	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	0.125	U
Nickel, TCLP by EPA 6010											mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
Nickel	7440-02-0	~	NT		NT		NT		NT		0.25	U	0.25	U	0.25	U	NT		NT		NT	
Zinc, TCLP by EPA 6010											mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
Zinc	7440-66-6	~	NT		NT		NT		NT		0.625	U	0.625	U	0.625	U	NT		NT		NT	
HERB, TCLP MASTER		mg/L									mg/L		mg/L		mg/L							
Dilution Factor											1		1		1							
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		NT		0.005	U	0.005	U	0.005	U	NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		NT		0.005	U	0.005	U	0.005	U	NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
VOA, TCLP MASTER		mg/L								
Dilution Factor										
1,1-Dichloroethylene	75-35-4	0.7	NT		NT		NT		NT	
1,2-Dichloroethane	107-06-2	0.5	NT		NT		NT		NT	
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT	
2-Butanone	78-93-3	200	NT		NT		NT		NT	
Benzene	71-43-2	0.5	NT		NT		NT		NT	
Carbon tetrachloride	56-23-5	0.5	NT		NT		NT		NT	
Chlorobenzene	108-90-7	100	NT		NT		NT		NT	
Chloroform	67-66-3	6	NT		NT		NT		NT	
Tetrachloroethylene	127-18-4	0.7	NT		NT		NT		NT	
Trichloroethylene	79-01-6	0.5	NT		NT		NT		NT	
Vinyl Chloride	75-01-4	0.2	NT		NT		NT		NT	
SVOA, TCLP MASTER		mg/L								
Dilution Factor										
1,4-Dichlorobenzene	106-46-7	7.5	NT		NT		NT		NT	
2,4,5-Trichlorophenol	95-95-4	400	NT		NT		NT		NT	
2,4,6-Trichlorophenol	88-06-2	2	NT		NT		NT		NT	
2,4-Dinitrotoluene	121-14-2	0.13	NT		NT		NT		NT	
2-Methylphenol	95-48-7	200	NT		NT		NT		NT	
3- & 4-Methylphenols	65794-96-9	~	NT		NT		NT		NT	
Cresols, total	1319-77-3	200	NT		NT		NT		NT	
Hexachlorobenzene	118-74-1	0.13	NT		NT		NT		NT	
Hexachlorobutadiene	87-68-3	0.5	NT		NT		NT		NT	
Hexachloroethane	67-72-1	3	NT		NT		NT		NT	
Nitrobenzene	98-95-3	2	NT		NT		NT		NT	
Pentachlorophenol	87-86-5	100	NT		NT		NT		NT	
Pyridine	110-86-1	5	NT		NT		NT		NT	
PEST, TCLP MASTER		mg/L								
Dilution Factor										
Endrin	72-20-8	0.02	NT		NT		NT		NT	
gamma-BHC (Lindane)	58-89-9	0.4	NT		NT		NT		NT	
Heptachlor	76-44-8	0.008	NT		NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.008	NT		NT		NT		NT	
Methoxychlor	72-43-5	10	NT		NT		NT		NT	
Toxaphene	8001-35-2	0.5	NT		NT		NT		NT	

Table 5
Soil Analytical Results - EPA Hazardous Waste Limits Comparison - TCLP
HD161DPL Gateway Site Improvements
August 2026

Sample Name Sample ID Sampling Date Client Matrix		EPA Hazardous Waste Limits	HD161DPL GSI TP-33-CS-61 26H0771-37 8/13/2026 1:40:00 PM Soil		HD161DPL GSI TP-32-CS-62 26H0771-39 8/13/2026 2:00:00 PM Soil		HD161DPL GSI TP-32-CS-63 26H0771-41 8/13/2026 2:15:00 PM Soil		HD161DPL GSI TP-32-CS-64 26H0771-43 8/13/2026 2:25:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
Beryllium, TCLP by EPA 6010										
Dilution Factor										
Beryllium	7440-41-7	~	NT		NT		NT		NT	
Copper, TCLP by EPA 6010										
Dilution Factor										
Copper	7440-50-8	~	NT		NT		NT		NT	
Metals, TCLP RCRA		mg/L	mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1	
Arsenic	7440-38-2	5	0.375	U	0.375	U	0.375	U	0.375	U
Barium	7440-39-3	100	0.83		1.3		0.695		0.79	
Cadmium	7440-43-9	1	0.075	U	0.075	U	0.075	U	0.075	U
Chromium	7440-47-3	5	0.125	U	0.125	U	0.125	U	0.125	U
Lead	7439-92-1	5	0.405		0.212		0.245		0.302	
Selenium	7782-49-2	1	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
Nickel, TCLP by EPA 6010										
Dilution Factor										
Nickel	7440-02-0	~	NT		NT		NT		NT	
Zinc, TCLP by EPA 6010										
Dilution Factor										
Zinc	7440-66-6	~	NT		NT		NT		NT	
HERB, TCLP MASTER		mg/L								
Dilution Factor										
2,4,5-TP (Silvex)	93-72-1	1	NT		NT		NT		NT	
2,4-D	94-75-7	10	NT		NT		NT		NT	
SW846 1311/7470			mg/L		mg/L		mg/L		mg/L	
Dilution Factor			1		1		1		1	
TCLP Mercury	7439-97-6	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to ro
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
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
P=this flag is used for pesticide and PCB (Aroclor) target compounds
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this

Table 6
Soil Analytical Results - Lead Delineation
HD161DPL GSI
August 2026

			Sample Name	HD161DPL GSI SP2-02A-G1(0-1)		HD161DPL GSI SP2-02A-G2(1-2)		HD161DPL GSI SP2-02A-G3(2-3)		HD161DPL GSI SP2-02A-G4(3-4)	
			Sample ID	26H0787-01		26H0787-02		26H0787-03		26H0787-04	
			Sampling Date	8/14/2026 7:40:00 AM		8/14/2026 7:42:00 AM		8/14/2026 7:44:00 AM		8/14/2026 7:46:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.828**		**0.228**		**0.350**		**0.140**	
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	
			Sample Name	HD161DPL GSI SP2-02B-G1(0-1)		HD161DPL GSI SP2-02B-G2(1-2)		HD161DPL GSI SP2-02B-G3(2-3)		HD161DPL GSI SP2-02B-G4(3-4)	
			Sample ID	26H0787-05		26H0787-06		26H0787-07		26H0787-08	
			Sampling Date	8/14/2026 8:16:00 AM		8/14/2026 8:18:00 AM		8/14/2026 8:20:00 AM		8/14/2026 8:22:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.885**		**0.685**		**0.175**		**0.165**	
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	
			Sample Name	HD161DPL GSI SP2-02C-G1(0-1)		HD161DPL GSI SP2-02C-G2(1-2)		HD161DPL GSI SP2-02C-G3(2-3)		HD161DPL GSI SP2-02C-G4(3-4)	
			Sample ID	26H0787-09		26H0787-10		26H0787-11		26H0787-12	
			Sampling Date	8/14/2026 7:56:00 AM		8/14/2026 7:58:00 AM		8/14/2026 8:00:00 AM		8/14/2026 8:02:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.535**		**0.300**		**0.250**		**0.195**	
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	
			Sample Name	HD161DPL GSI SP2-02D-G1(0-1)		HD161DPL GSI SP2-02D-G2(1-2)		HD161DPL GSI SP2-02D-G3(2-3)		HD161DPL GSI SP2-02D-G4(3-4)	
			Sample ID	26H0787-13		26H0787-14		26H0787-15		26H0787-16	
			Sampling Date	8/14/2026 8:32:00 AM		8/14/2026 8:34:00 AM		8/14/2026 8:36:00 AM		8/14/2026 8:38:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.262**		**0.125**	**U**	**0.140**		**0.125**	**U**
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	

Table 6
Soil Analytical Results - Lead Delineation
HD161DPL GSI
August 2026

			Sample Name	HD161DPL GSI SP2-06A-G1(0-1)		HD161DPL GSI SP2-06A-G2(1-2)		HD161DPL GSI SP2-06A-G3(2-3)		HD161DPL GSI SP2-06A-G4(3-4)	
			Sample ID	26H0787-33		26H0787-34		26H0787-35		26H0787-36	
			Sampling Date	8/14/2026 9:10:00 AM		8/14/2026 9:12:00 AM		8/14/2026 9:14:00 AM		8/14/2026 9:16:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.125**	**U**	**0.125**	**U**	**0.125**	**U**	**0.125**	**U**
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	
			Sample Name	HD161DPL GSI SP2-06B-G1(0-1)		HD161DPL GSI SP2-06B-G2(1-2)		HD161DPL GSI SP2-06B-G3(2-3)		HD161DPL GSI SP2-06B-G4(3-4)	
			Sample ID	26H0787-37		26H0787-38		26H0787-39		26H0787-40	
			Sampling Date	8/14/2026 9:40:00 AM		8/14/2026 9:42:00 AM		8/14/2026 9:44:00 AM		8/14/2026 9:46:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.128**		**0.165**		**0.125**	**U**	**0.125**	**U**
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	
			Sample Name	HD161DPL GSI SP2-06C--G1(0-1)		HD161DPL GSI SP2-06C-G2(1-2)		HD161DPL GSI SP2-06C-G3(2-3)		HD161DPL GSI SP2-06C-G4(3-4)	
			Sample ID	26H0787-41		26H0787-42		26H0787-43		26H0787-44	
			Sampling Date	8/14/2026 9:24:00 AM		8/14/2026 9:26:00 AM		8/14/2026 9:28:00 AM		8/14/2026 9:30:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.125**	**U**	**0.125**	**U**	**0.125**	**U**	**0.125**	**U**
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	
			Sample Name	HD161DPL GSI SP2-06D-G1(0-1)		HD161DPL GSI SP2-06D-G2(1-2)		HD161DPL GSI SP2-06D-G3(2-3)		HD161DPL GSI SP2-06D-G4(3-4)	
			Sample ID	26H0787-45		26H0787-46		26H0787-47		26H0787-48	
			Sampling Date	8/14/2026 8:54:00 AM		8/14/2026 8:56:00 AM		8/14/2026 8:58:00 AM		8/14/2026 9:00:00 AM	
			Client Matrix	Soil		Soil		Soil		Soil	
Compound	**CAS Number**	**EPA Hazardous Waste Limits**		Result	Q	Result	Q	Result	Q	Result	Q
Lead TCLP by EPA 6010		mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1		1	
Lead	7439-92-1	5		**0.125**	**U**	**0.422**		**0.858**		**0.418**	
TCLP Extraction for METALS EPA 1311				N/A		N/A		N/A		N/A	
Dilution Factor				1		1		1		1	
TCLP Extraction		~		Completed		Completed		Completed		Completed	

NOTES:
Any Regulatory Exceedences are color coded by Regulation.
Total TICS values may vary slightly from the reported values due to rounding.

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

APPENDICES

Appendix A

Historic Site Investigation Documents

HAZ - PAGES

SUPPLEMENTAL DOCUMENTATION FOR USE WITH SPECIFICATIONS FOR HANDLING, TRANSPORTATION AND DISPOSAL OF NONHAZARDOUS AND POTENTIALLY HAZARDOUS CONTAMINATED MATERIALS

NOTICE

THE PAGES CONTAINED IN THIS SECTION ARE ISSUED FOR THE PURPOSE OF SPECIFYING THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND HEREBY MADE PART OF SAID CONTRACT DOCUMENTS.

(NO TEXT ON THIS PAGE)

SUPPLEMENTAL DOCUMENTATION FOR USE WITH SPECIFICATIONS FOR HANDLING, TRANSPORTATION, AND DISPOSAL OF POTENTIAL AND IDENTIFIED CONTAMINATED AND HAZARDOUS MATERIALS

SOIL STOCKPILE WASTE CHARACTERIZATION FOR GATEWAY PUNCHLIST FLATLANDS AVENUE FROM SCHENCK AVENUE TO JEROME STREET, ETC

BOROUGH OF BROOKLYN
CITY OF NEW YORK

Project ID: HD-161DPL

Prepared By:

NYC DDC Department of Design and Construction
30-30 Thomson Avenue
Long Island City, New York 11101

January 30, 2024

These Haz-Pages are to be read in conjunction with the corresponding 8.01 sections of STANDARD HIGHWAY SPECIFICATIONS, May 16, 2022.

ATTACHMENT 1: PHASE II SOIL STOCKPILE WASTE CHARACTERIZATION REPORT

- Final -

Phase II Soil Stockpile Waste Characterization Report
for
Gateway Punchlist
Flatlands Avenue from Schenck Avenue to Jerome Street, etc.
Brooklyn, New York

DDC PROJECT NO. HD-161DPL

WOL No. OEHS-20201409799-WOL-281

CONTRACT REGISTRATION NO. 20201409799

Prepared for:



Office of Environmental and Hazmat Services
30-30 Thomson Avenue, 3rd Floor
Long Island City, New York 11101

Prepared by:



Louis Berger U.S., Inc.
1 Penn Plaza, 2nd Floor
New York, NY 10119
Tel. (212) 612-7900
Fax (212) 363-4341
PROJECT NO. 31402661.253

December 23, 2022

TABLE OF CONTENTS

EXECUTIVE SUMMARY **ES-1**

1.0 INTRODUCTION **1**
1.1 Summary of Previous Environmental Investigations 1
1.2 Scope of Work 1

2.0 SITE INFORMATION **3**
2.1 Site Location and Description 3
2.2 Physical Setting 3
2.2.1 Topography 3
2.2.2 Geology 4
2.2.3 Hydrology 4
2.2.4 Radon 5

3.0 SITE EVALUATION **6**
3.1 Soil and Waste Characterization Sampling and Analysis 9
3.2 Laboratory Analyses 10
3.3 Data Evaluation 10

4.0 FINDINGS **11**
4.1 Field Screening 11
4.2 Laboratory Analytical Results 11
4.2.1 Target Compound List (TCL) Volatile Organic Compounds (VOCs) in Soils 11
4.2.2 Polycyclic Aromatic Hydrocarbons (PAHs) in Soils 11
4.2.3 Polychlorinated Biphenyls (PCBs) in Soils 12
4.2.4 Waste Classification of Soil 12

5.0 CONCLUSIONS AND RECOMMENDATIONS **14**

6.0 STATEMENT OF LIMITATIONS **17**

Tables
1 Summary of Environmental Boring Data
2 Summary of TCL VOCs Detected in Soil
3 Summary of PAHs Detected in Soil
4 Summary of PCBs Detected in Soil
5 Summary of Waste Classification Results in Soil

Figures
1 Topographic Site Location Map
2 Soil Boring Location Plan

Appendices
A Boring Location Plan
B Geologic Boring Logs
C Laboratory Analytical Results

EXECUTIVE SUMMARY

On behalf of the New York City (NYC) Department of Design and Construction (DDC), Louis Berger U.S., Inc. (Louis Berger), a WSP Company, has been tasked to perform a Phase II Soil Stockpile Waste Characterization (Phase II) of stockpiles located within the NYC Department of Parks and Recreation (DPR) property on Flatlands Avenue from Schenck Avenue to Jerome Street in the East New York section of the Borough of Brooklyn, New York (hereinafter referred to as the "Site") in association with the HD-161DPL Gateway Punchlist project. The Site occupies the northern portion of Block 4443, Lot 1 and most of Block 4444, Lot 1 except for the southeastern portion of the lot, and is an undeveloped and unused part of Spring Creek Park. The Phase II was performed to identify and characterize the potential presence of environmental contamination and facilitate the removal and disposal of the stockpiles located within the Site. The Site is identified on Figure 1 Topographic Site Location Map.

Based on discussions with the DDC Project Manager, Louis Berger proposed the advancement of 25 soil borings to depths ranging from 2 to 4 feet below grade (ftbg) to characterize soils in the stockpiles. The final depths of the soil borings depended on the materials encountered in the stockpiles.

The field investigation was conducted by Louis Berger on October 18 and 19, 2022, and consisted of the following components:

- The advancement of 25 soil borings (SP1-01 to SP1-10, SP2-01 to SP2-10, and SW-01 to SW-05) utilizing hand tools. The soil borings were divided among three areas – Stockpile 1 (SP1), Stockpile 2 (SP2), and site-wide stockpile material (SW) that was not observable prior to gaining access to the Site. Soil borings were proposed to a minimum depth of 2.0 ftbg and up to 4.0 ftbg. However, due to refusals from cobbles, soil borings were advanced to terminal depths ranging from 1.0 to 4.0 ftbg;

- Field screening, classification, and identification of soils from surface grade to the terminal depth of each boring. Soil samples were visually classified in the field using the Burmister Classification, Unified Soil Classification System (USCS), and Munsell Rock Color charts. Field screening of soils consisted of visual and olfactory indicators of impacts, as well as screening with a photoionization detector (PID);

- The collection of one grab soil sample from each of the 25 soil borings. The grab soil samples were collected from the 6-inch interval above the proposed terminal boring depth, where recovery allowed, or the 6-inch interval above the encountered refusal. The grab soil samples

were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) using U.S. Environmental Protection Agency (USEPA) Method 8260C, or an updated method;

- The collection of one waste classification soil sample from each of the 25 soil borings. The waste classification samples were a composite of the entire soil column from the ground surface to the bottom of the proposed boring depth, where recovery allowed, or above the encountered refusal. The waste classification samples were analyzed for Polycyclic Aromatic Hydrocarbons (PAHs) by USEPA Method 8270C, Total Petroleum Hydrocarbons-Diesel Range Organics/Gasoline Range Organics (TPH-DRO/GRO) by USEPA 8015B, Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A/608, Toxicity Characteristic Leaching Procedure (TCLP) Metals (Resource Conservation and Recovery Act [RCRA] 8) by USEPA Method 1311/6010B, and the three RCRA Characteristics, ignitability, reactivity, and corrosivity, by USEPA Methods 9012B/9034, 1030/1010A, and 9045C, respectively, as well as Paint Filter Test by USEPA Method 9095B, for waste classification purposes. The USEPA methods described above, or an updated version of the method, were used to analyze each sample; 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 subsurface soil quality for waste classification purposes, laboratory analytical results of soil samples were compared with regulatory standards identified in: New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6: Remedial Program Restricted Residential and Commercial Use (Track 2) Soil Cleanup Objectives (SCOs), Toxicity Characteristic Regulatory Levels for Hazardous Waste published in RCRA and 6 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 and conclusions are presented:

Findings and Conclusions

- No visual or olfactory indications of contamination were observed in any of the 25 soil borings, including PID readings;

- Fill material consisting of moderate to pale yellowish brown, moderate yellowish brown, very pale orange, dusky to pale brown, and grayish brown gravelly sand, sand, and sandy silt to silty sand were observed in all 25 borings. Anthropogenic fill (such as asphalt, plastic, rope, glass, metal, slag, shoe soles, and rubber) was observed in all three stockpiles in soil borings SP1-03 to SP1-06, SP1-10, SP2-02, SP2-05, SP2-06, SP2-08, SP2-10, SW-02, and SW-04 at depths ranging from 0 to 4 ftbg. Refusal was encountered at 21 of the 25 boring locations (all locations except for SP1-04, SP2-02, SP2-03, and SW-04) at depths ranging from 1.0 (SP1-08 and SW-03) to 3.5 ftbg (SP2-01 and SP2-09) due to cobbles;

- Bedrock and groundwater were not encountered in any of the borings;

- One VOC was detected above the laboratory's reporting limit in one of the 25 soil samples; however, the concentration was below the applicable regulatory standard;

- PAHs were detected above the laboratory's reporting limits in all 25 soil samples; however, only six PAHs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, dibenzo[a,h]anthracene, and indeno[1,2,3-cd]pyrene) exhibited concentrations above the applicable regulatory standards in five of the soil samples (SP2-07, SP2-08, SW-01, SW-03, and SW-05), as follows:

    - Benzo[a]anthracene was detected above the Restricted Residential Use (Track 2) SCO of 1 milligram per kilogram (mg/kg) in samples SP2-07 and SP2-08 with concentrations of 2.1 mg/kg and 4.8 mg/kg, respectively.
    - Benzo[a]pyrene was detected above both the Restricted Residential Use (Track 2) SCO of 1 mg/kg and the Commercial Use (Track 2) SCO of 1.0 mg/kg in samples SP2-07 and SP2-08 with concentrations of 2.0 mg/kg and 4.2 mg/kg, respectively.
    - Benzo[b]fluoranthene was detected above the Restricted Residential Use (Track 2) SCO of 1 mg/kg in samples SP2-07, SP2-08, SW-01, SW-03, and SW-05 with concentrations ranging from 1.2 mg/kg (SW-01 and SW-05) to 5.4 mg/kg (SP2-08).
    - Chrysene was detected above the Restricted Residential Use (Track 2) SCO of 3.9 mg/kg in sample SP2-08 at a concentration of 4.6 mg/kg.
    - Dibenzo[a,h]anthracene was detected above the Restricted Residential Use (Track 2) SCO of 0.33 mg/kg in sample SP2-07 at a concentration of 0.35 mg/kg and was detected above both the Restricted Residential Use (Track 2) SCO of 0.33 mg/kg and the Commercial Use (Track 2) SCO of 0.56 mg/kg in sample SP2-08 at a concentration of 0.65 mg/kg.

  - Indeno[1,2,3-cd]pyrene was detected above the Restricted Residential Use (Track 2) SCO of 0.5 mg/kg in samples SP2-07, SP2-08, and SW-01 with concentrations ranging from 0.58 mg/kg (SW-01) to 2.1 mg/kg (SP2-08).

- PCBs were detected above the laboratory's reporting limits in eight of the 25 soil samples; however, all detectable concentrations were below the applicable regulatory standard;

- The analytical laboratory results of the 25 waste classification soil samples show that the RCRA parameters (reactivity, ignitability, and corrosivity) were within the RCRA standards. Therefore, results of these analyses indicate that the soil samples collected do not exhibit evidence of hazardous waste characteristics for reactivity, ignitability, and corrosivity;

- Waste classification laboratory results indicate that TCLP lead was detected above the applicable regulatory standard in two of the 25 soil samples. Soil samples SP2-02 and SP2-06 exhibited lead levels above the RCRA Hazardous Waste Level of 5 milligram per liter (mg/L) at concentrations of 6.9 mg/L and 8.4 mg/L, respectively. The remaining 23 soil samples contained lead concentrations below the applicable RCRA Hazardous Waste Level. TCLP barium was detected in all 25 soil samples; however, all concentrations were below the applicable RCRA Hazardous Waste Level. Therefore, results of the TCLP metals analysis indicate that two soil samples collected exhibit evidence of the hazardous waste characteristic for toxicity; and,

- TPH-DRO was detected above the laboratory’s reporting limits in 22 of the 25 waste classification soil samples with concentrations ranging from 67 mg/kg (SP2-06) to 1,300 mg/kg (SP2-07), while no TPH-GRO was detected above the laboratory’s reporting limits in any of the 25 waste classification soil samples. There are no regulatory standards for TPH.

Based on the results of the field investigation and laboratory analytical results, the following recommendations are provided:

Recommendations

- The contract documents should identify provisions and a contingency for managing, handling, transporting, and disposing of any hazardous and non-hazardous contaminated soils. The Contractor should be required to submit a Material Handling Plan to identify the specific protocol and procedures that will be employed to manage the waste in accordance with applicable regulations;

- Dust control procedures are recommended and should be implemented during stockpile handling, management or removal activities to minimize the creation and dispersion of fugitive airborne dust. The Contractor should implement dust control measures to minimize potential airborne contaminants (i.e., VOCs, PAHs, TPH, PCBs, hazardous levels of TCLP lead, and other metals) released into the ambient environment as a direct result of such activities; and,

- Before beginning any excavation or soil movement activity, the contractor should submit a Site-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.

1.0 INTRODUCTION

On behalf of the New York City (NYC) Department of Design and Construction (DDC), Louis Berger U.S., Inc. (Louis Berger), a WSP Company, has been tasked to perform a Phase II Soil Stockpile Waste Characterization (Phase II) of stockpiles located within the NYC Department of Parks and Recreation (DPR) property on Flatlands Avenue from Schenck Avenue to Jerome Street in the East New York section of the Borough of Brooklyn, New York (hereinafter referred to as the "Site") in association with the HD-161DPL Gateway Punchlist project. The Site occupies the northern portion of Block 4443, Lot 1 and most of Block 4444, Lot 1 except for the southeastern portion of the lot, and is an undeveloped and unused part of Spring Creek Park. The Phase II was performed to identify and characterize the potential presence of environmental contamination and facilitate the removal and disposal of the stockpiles located within the Site. The Site is identified on Figure 1 Topographic Site Location Map.

1.1 Summary of Previous Environmental Investigations

No prior reports for the Site were made available to Louis Berger for review.

1.2 Scope of Work

The Phase II 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 occurrence and distribution. Soil boring advancement with hand tools and soil sample collection were conducted by Mr. James Hampsey, Project Engineer, and Ian Arturo, Project Scientist, both of Louis Berger. Laboratory analyses were provided by Hampton-Clarke (HC) of Fairfield, New Jersey, which is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory (No. 11408). Field-derived Quality Assurance/Quality Control (QA/QC) samples (i.e., blind duplicates, equipment/rinsate blanks, and trip blanks) were not collected for this project.

The field investigation was conducted by Louis Berger on October 18 and 19, 2022, and consisted of the following components:

- The advancement of 25 soil borings (SP1-01 to SP1-10, SP2-01 to SP2-10, and SW-01 to SW-05) utilizing hand tools. The soil borings were divided among three areas – Stockpile 1 (SP1), Stockpile 2 (SP2), and site-wide stockpile material (SW) that was not observable prior to gaining access to the Site. Soil borings were proposed to a minimum depth of 2.0 ftbg and up

to 4.0 ftbg. However, due to refusals from cobbles, soil borings were advanced to terminal depths ranging from 1.0 to 4.0 ftbg;

- Field screening, classification, and identification of soils from surface grade to the terminal depth of each boring. Soil samples were visually classified in the field using the Burmister Classification, Unified Soil Classification System (USCS), and Munsell Rock Color charts. Field screening of soils consisted of visual and olfactory indicators of impacts, as well as screening with a photoionization detector (PID);

- The collection of one grab soil sample from each of the 25 soil borings. The grab soil samples were collected from the 6-inch interval above the proposed terminal boring depth, where recovery allowed, or the 6-inch interval above the encountered refusal. The grab soil samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) using U.S. Environmental Protection Agency (USEPA) Method 8260C, or an updated method;

- The collection of one waste classification soil sample from each of the 25 soil borings. The waste classification samples were a composite of the entire soil column from the ground surface to the bottom of the proposed boring depth, where recovery allowed, or above the encountered refusal. The waste classification samples were analyzed for Polycyclic Aromatic Hydrocarbons (PAHs) by USEPA Method 8270C, Total Petroleum Hydrocarbons-Diesel Range Organics/Gasoline Range Organics (TPH-DRO/GRO) by USEPA 8015B, Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A/608, Toxicity Characteristic Leaching Procedure (TCLP) Metals (Resource Conservation and Recovery Act [RCRA] 8) by USEPA Method 1311/6010B, and the three RCRA Characteristics, ignitability, reactivity, and corrosivity, by USEPA Methods 9012B/9034, 1030/1010A, and 9045C, respectively, as well as Paint Filter Test by USEPA Method 9095B, for waste classification purposes. The USEPA methods described above, or an updated version of the method, were used to analyze each sample; 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.

2.0 SITE INFORMATION

2.1 Site Location and Description

The approximately 3.59-acre (156,540-square foot) Site is located in the East New York section of the Borough of Brooklyn, New York which occupies the northern portion of Block 4443, Lot 1 and most of Block 4444, Lot 1 except for the southeastern portion of the lot. The Site is owned by the NYC DPR and is an unused and undeveloped part of Spring Creek Park. Currently, the Site contains soil stockpiles ranging from 10 to 20 feet in height. Adjoining property usage is vacant, park land, and residential buildings. The Site is shown on Figure 2 Soil Boring Location Plan.

During the advancement of soil borings for this Phase II, stockpile material consisting of moderate to pale yellowish brown, moderate yellowish brown, very pale orange, dusky to pale brown, and grayish brown gravelly sand, sand, and sandy silt to silty sand were observed in all 25 borings. Refusal was encountered at all of the 25 boring locations except for SP1-04, SP2-02, SP2-03, and SW-04, at depths ranging from 1.0 to 3.5 ftbg due to cobbles. Anthropogenic fill (such as asphalt, plastic, rope, glass, metal, slag, shoe soles, and rubber) was observed in soil borings SP1-03 to SP1-06, SP1-10, SP2-02, SP2-05, SP2-06, SP2-08, SP2-10, SW-02, and SW-04 at depths ranging from 0 to 4 ftbg.

Surrounding property usage is residential to the north, Spring Creek Park lands to the southwest, and vacant land occupied by additional soil stockpiles to the east. The nearest body of water is Hendrix Creek, a dead-end tributary of Jamaica Bay, located across Vandalia Avenue, 0.03 miles (175 feet) southwest of the Site.

2.2 Physical Setting

2.2.1 Topography

Louis Berger reviewed the United States Geologic Survey (USGS) *7.5-minute Topographic Quadrangle Map for Brooklyn and Jamaica, New York* (2020) to determine topography at the Site. The Site exhibits a topographic elevation change of approximately 19 feet. The elevation of the Site ranges from approximately 24 feet above mean sea level (msl) in the northeast to approximately 19 feet above msl at the southwestern edge near Vandalia Avenue. The overall topography of the surrounding area around the Site slopes from the southwest towards Hendrix Creek, located approximately 0.03 miles (175 feet) southwest of the Site. Under natural conditions, surface runoff would be expected to follow the overall topography of the area and ultimately flow

to the southwest; however, storm runoff is managed by storm drains located in the streets adjacent to the Site.

2.2.2 Geology

Based on the *NYC Detailed Soil Survey* via Web Soil Survey (National Cooperative Soil Survey, Version 12, October 27, 2021), the Site is underlain by the Bigapple fine sands, (BiA) with slopes ranging from 0 to 3 percent. The soils consist of 86 percent Bigapple and similar soils, and 14 percent minor components.

Based on the *NYC Reconnaissance Soil Survey* (2005), the Site is underlain by the Bigapple-Fortress complex. Generally, the Bigapple-Fortress complex is comprised of level to gently sloping areas that have been filled with sandy dredge materials from along coastal waterways.

The *Ground-Water Resources of Kings and Queens Counties, Long Island, New York* (1999) and the *Quaternary Geologic Map of the Hudson River 4° x 6° Quadrangle, United States and Canada* (1992) indicate the surficial soils are underlain by manmade land chiefly comprised of filled lands and strip mines to a depth of approximately 40 ftbg. Upper Pleistocene deposits consisting of outwash sand, gravel and silt are present to a depth of approximately 100 ftbg. The Upper Pleistocene deposits are, in turn, underlain by approximately 10 feet of the Gardiners Clay (100 to 110 ftbg), which consists of greenish gray clay and silt and some interbedded sand. Underlying the Gardiners Clay is approximately 25 feet of the Jameco Gravel (110 to 135 ftbg), which consists of fine sand to gravel with some lenses of clay and silt. Underlying the Jameco Gravel is approximately 25 feet of Magothy Formation (135 to 160 ftbg) which consist of sands and clays. Underlying the Magothy Formation is approximately 250 feet of the Raritan Formation, which is composed of two members. The first Raritan Formation Member is 100 feet of the Raritan Clay Member (160 to 260 ftbg), consisting of clay beds with inclusions of silty clay and clayey silts, and the second Raritan Formation Member is 150 feet of the Lloyd Sand (260 to 410 ftbg). The Lloyd Sand is the final unconsolidated unit before bedrock and consists of fine to coarse quartz sand. These deposits are underlain by crystalline metamorphic bedrock, expected to be encountered at approximately 410 ftbg.

2.2.3 Hydrology

Based on regional topography and proximity to surface water bodies, under natural conditions, regional groundwater is anticipated to flow southwest towards Hendrix Creek, which is located approximately 0.03 miles southwest of the southwestern edge of the Site. All references to groundwater flow direction/hydraulic gradient in this report are based upon this assumption. Based

on the USGS *Long Island Depth to Water Viewer* (2013), groundwater is expected to be encountered between 18 and 14 ftbg. Groundwater can also be influenced by seasonal fluctuations in precipitation, local variations in geology, underground anthropogenic structures, and/or local dewatering operations.

According to the U.S. Fish and Wildlife Service (USFWS) *National Wetlands Inventory*, no wetlands are located along the Site. The nearest wetlands are Hendrix Creek, located approximately 0.3 miles feet to the southwest of the Site, and are classified by the USFWS as Estuarine and Marine Deepwater. These wetlands consist of deep-water tidal habitats that are usually semi-enclosed by land but have open, partly obstructed, or sporadic access to the open ocean, and in which ocean water is at least occasionally diluted by freshwater runoff from the land. These wetlands are continuously covered with tidal water.

According to the Federal Emergency Management Agency (FEMA) *Flood Insurance Rate Map* (FIRM*) Panel 3604970219F* (FEMA, 2007), the Site is not located within the 100-year (1 percent chance) flood zone or 500-year (0.2 percent chance flood) flood zone.

2.2.4 Radon

Radon is a colorless, odorless radioactive gas that results from the natural breakdown of uranium minerals in soil, rock and water, which subsequently enters the atmosphere. It can concentrate in buildings, entering through cracks and other penetrations of a building foundation. Some areas are more likely to have elevated concentrations of radon than others, reflecting subsurface lithologic conditions.

A review of the United States Environmental Protection Agency (USEPA) Radon Zone for Kings County indicates that the average indoor level of Radon for the 1st floor is 0.750 pCi/L and for the basement level is 1.370 pCi/L. Therefore, Kings County is in the USEPA Radon Zone 3 which exhibits an average indoor level of less than 2 pCi/L, which is below the USEPA Action Level of 4 pCi/L.

3.0 SITE EVALUATION

The objective of this Phase II was to characterize the potential presence of environmental contamination in soil stockpiles within the Site for the proposed removal and disposal of the stockpiles. To accomplish this, soil borings were advanced on the Site using evasive methods, which included the use of hand auger tools. The field investigation included the advancement of 25 soil borings to depths ranging from 1.0 to 4.0 ftbg. The soil samples from the borings were transferred into laboratory-supplied sample jars and properly labeled. The samples were stored with ice in a cooler to preserve the samples at approximately 4 degrees Celsius prior to and during shipment. A chain-of-custody was prepared prior to sample shipment. A summary of the field observations and details of the soil borings are provided in Table 1. Refer to Figure 2 for the boring locations.

All boring equipment was cleaned by rinsing with deionized water, scrubbing with Alconox®, and then rinsing with deionized water a second time between each sample location to prevent any cross-contamination. Following the completion of each boring, the boreholes were backfilled with removed material.

Maps depicting each boring location are included in Appendix A. Soil classification information, including stratigraphy, is documented on the boring logs provided in Appendix B. The location of each boring is described below:

- **SP1-01** – Located in Stockpile 1, 147 feet and 10 inches southeast of the southeastern curb line of Flatlands Avenue, and 396 feet and 10 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP1-02** – Located in Stockpile 1, 89 feet and 4 inches southeast of the southeastern curb line of Flatlands Avenue, and 371 feet and 6 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP1-03** – Located in Stockpile 1, 105 feet and 9 inches southeast of the southeastern curb line of Flatlands Avenue, and 281 feet and 9 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP1-04** – Located in Stockpile 1, 60 feet and 8 inches southeast of the southeastern curb line of Flatlands Avenue, and 216 feet and 5 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP1-05** – Located in Stockpile 1, 80 feet and 5 inches southeast of the southeastern curb line of Flatlands Avenue, and 130 feet and 10 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP1-06** – Located in Stockpile 1, 58 feet and 3 inches southeast of the southeastern curb line of Flatlands Avenue, and 58 feet and 9 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP1-07** – Located in Stockpile 1, 209 feet and 3 inches southeast of the southeastern curb line of Flatlands Avenue, and 51 feet and 8 inches north of the northern curb line of Vandalia Avenue.

- **SP1-08** – Located in Stockpile 1, 303 feet and 11 inches southeast of the southeastern curb line of Flatlands Avenue, and 36 feet and 3 inches north of the northern curb line of Vandalia Avenue.

- **SP1-09** – Located in Stockpile 1, 302 feet and 3 inches southeast of the southeastern curb line of Flatlands Avenue, and 70 feet and 10 inches north of the northern curb line of Vandalia Avenue.

- **SP1-10** – Located in Stockpile 1, 360 feet and 5 inches southeast of the southeastern curb line of Flatlands Avenue, and 44 feet and 9 inches north of the northern curb line of Vandalia Avenue.

- **SP2-01** – Located in Stockpile 2, 52 feet and 2 inches southeast of the southeastern curb line of Flatlands Avenue, and 447 feet and 1 inch northeast of the northeastern curb line of Schenck Avenue.

- **SP2-02** – Located in Stockpile 2, 74 feet and 3 inches southeast of the southeastern curb line of Flatlands Avenue, and 470 feet and 2 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP2-03** – Located in Stockpile 2, 124 feet and 9 inches southeast of the southeastern curb line of Flatlands Avenue, and 468 feet and 2 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP2-04** – Located in Stockpile 2, 151 feet and 10 inches southeast of the southeastern curb line of Flatlands Avenue, and 426 feet and 4 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP2-05** – Located in Stockpile 2, 172 feet southeast of the southeastern curb line of Flatlands Avenue, and 470 feet and 10 inches northeast of the northeastern curb line of Schenck Avenue.

- **SP2-06** – Located in Stockpile 2, 233 feet southeast of the southeastern curb line of Flatlands Avenue, and 259 feet and 4 inches north of the northern curb line of Vandalia Avenue.

- **SP2-07** – Located in Stockpile 2, 289 feet and 4 inches southeast of the southeastern curb line of Flatlands Avenue, and 208 feet and 6 inches north of the northern curb line of Vandalia Avenue.

- **SP2-08** – Located in Stockpile 2, 322 feet and 11 inches southeast of the southeastern curb line of Flatlands Avenue, and 154 feet and 8 inches north of the northern curb line of Vandalia Avenue.

- **SP2-09** – Located in Stockpile 2, 371 feet and 8 inches southeast of the southeastern curb line of Flatlands Avenue, and 105 feet and 2 inches north of the northern curb line of Vandalia Avenue.

- **SP2-10** – Located in Stockpile 2, 421 feet and 1 inch southeast of the southeastern curb line of Flatlands Avenue, and 38 feet and 5 inches north of the northern curb line of Vandalia Avenue.

- **SW-01** – Located in the central area in between the stockpiles, 195 feet and 9 inches southeast of the southeastern curb line of Flatlands Avenue, and 144 feet and 8 inches north of the northern curb line of Vandalia Avenue.

- **SW-02** – Located in the central area in between the stockpiles, 157 feet and 2 inches southeast of the southeastern curb line of Flatlands Avenue, and 351 feet and 6 inches northeast of the northeastern curb line of Schenck Avenue.

- **SW-03** – Located in the central area in between the stockpiles, 255 feet and 3 inches southeast of the southeastern curb line of Flatlands Avenue, and 131 feet and 2 inches north of the northern curb line of Vandalia Avenue.

- **SW-04** – Located in the central area in between the stockpiles, 259 feet and 10 inches southeast of the southeastern curb line of Flatlands Avenue, and 181 feet and 9 inches north of the northern curb line of Vandalia Avenue.

- **SW-05** – Located in the central area in between the stockpiles, 329 feet and 8 inches southeast of the southeastern curb line of Flatlands Avenue, and 90 feet and 2 inches north of the northern curb line of Vandalia Avenue.

Further details regarding the activities discussed above are provided in the following subsections.

3.1 Soil and Waste Characterization Sampling and Analysis

For each of the 25 borings, a description of soil lithology was recorded along the vertical length of the soil column by the Louis Berger Project Scientist according to the Burmister Classification, Unified Soil Classification System (USCS) and Munsell Rock Color charts. Soil from each boring was screened for VOCs along the vertical length of the soil column using a photoionization detector (PID) and visual/olfactory senses.

All 25 soil borings were advanced utilizing hand tools to terminal depths ranging between 1.0 and 4.0 ftbg. Refusal was encountered at all of the 25 boring locations except for SP1-04, SP2-02, SP2-03, and SW-04. Refusals were due to the presence of cobbles. One grab sample was collected from each soil boring. Since refusal was encountered in all but four of the soil borings and no groundwater was encountered during the Phase II field activities, all grab samples were collected from the 0.5-foot interval above the bottom of the soil boring terminal depth. The grab samples were analyzed for TCL VOCs using USEPA Method 8260C.

One waste classification soil sample was collected from each soil boring location (SP1-01 to SP1-10, SP2-01 to SP2-10, and SW-01 to SW-05) as a composite from the ground surface to the bottom of the terminal soil boring depth.

The waste classification samples were analyzed for PAHs by USEPA Method 8270C, TPH-DRO/GRO by USEPA 8015B, PCBs by USEPA Method 8082A/608, TCLP Metals (RCRA 8) by USEPA Method 1311/6010B, and RCRA Characteristics, including ignitability, reactivity, and corrosivity by USEPA Methods 9012B/9034, 1030/1010A, and 9045C, respectively, as well as Paint Filter Test by USEPA Method 9095B, for waste classification purposes. Refer to Figure 2 for the boring locations and Table 1 for boring type and depths.

Soil classification information, including stratigraphy, is documented on the boring logs provided in Appendix B. All equipment was decontaminated by rinsing with deionized water, scrubbing with Alconox®, and then rinsed with deionized water a second time between each sample location to prevent any cross-contamination. Following the completion of each boring, the boreholes were backfilled with the removed material.

3.2 Laboratory Analyses

All soil samples were analyzed on a 5-day turn-around time (TAT). Soil samples were stored on ice in coolers at approximately 4 degrees Celsius under chain of custody prior to delivery to the laboratory. Laboratory analyses were provided by Hampton-Clarke (HC) of Fairfield, New Jersey, which is a NYSDOH ELAP-certified analytical laboratory (No. 11408).

3.3 Data Evaluation

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

4.0 FINDINGS

This section discusses the analytical data and findings for activities discussed in Section 3.0. Boring logs can be found in Appendix B. A complete laboratory analytical data report is included in Appendix C.

4.1 Field Screening

No visual or olfactory indications of contamination were observed in any of the 25 borings, including PID readings. A summary of the environmental boring data is presented in Table 1.

4.2 Laboratory Analytical Results

4.2.1 Target Compound List (TCL) Volatile Organic Compounds (VOCs) in Soils

One VOC, methylene chloride, was detected above the laboratory's reporting limits in one of the 25 soil samples (SP1-03) at a concentration of 0.0078 milligrams per kilogram (mg/kg); however, the detectable concentration was below the applicable regulatory standard. A summary of the VOC detections in soil is provided as Table 2.

4.2.2 Polycyclic Aromatic Hydrocarbons (PAHs) in Soils

PAHs, including acenaphthene, acenaphthylene, anthracene, benzo[a]anthracene, benzo[a]pyrene, 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 detected above the laboratory's reporting limits in all 25 soil samples; however, only five soil samples, SP2-07, SP2-08, SW-01, SW-03, and SW-05, exhibited concentrations above the applicable regulatory standards.

- Benzo[a]anthracene was detected above the Restricted Residential Use (Track 2) SCO of 1.0 mg/kg in samples SP2-07 and SP2-08 with concentrations of 2.1 mg/kg and 4.8 mg/kg, respectively.
- Benzo[a]pyrene was detected above the Restricted Residential Use (Track 2) SCO of 1.0 mg/kg and the Commercial Use (Track 2) SCO of 1.0 mg/kg in samples SP2-07 and SP2-08 with concentrations of 2.0 mg/kg and 4.2 mg/kg, respectively.
- Benzo[b]fluoranthene was detected above the Restricted Residential Use (Track 2) SCO of 1 mg/kg in SP2-07, SP2-08, SW-01, SW-03, and SW-05 with concentrations of 2.8 mg/kg, 5.4 mg/kg, 1.2 mg/kg, 1.3, mg/kg, and 1.2 mg/kg, respectively.

- Chrysene was detected above the Restricted Residential Use (Track 2) SCO of 3.9 mg/kg in SP2-08 with a concentration of 4.6 mg/kg.
- Dibenzo[a,h]anthracene was detected above the Restricted Residential Use (Track 2) SCO of 0.33 mg/kg in SP2-07 with a concentration of 0.35 mg/kg, and was detected above both the Restricted Residential Use (Track 2) SCO of 0.33 mg/kg and the Commercial Use (Track 2) SCO of 0.56 mg/kg in sample SP2-08 with a concentration of 0.65 mg/kg.
- Indeno[1,2,3-cd]pyrene was detected above the Restricted Residential Use (Track 2) SCO of 0.5 mg/kg in SP2-07, SP2-08, and SW-01 with concentrations of 1.1 mg/kg, 2.1 mg/kg, and 0.58 mg/kg, respectively.

A summary of the PAH detections in soil is provided as Table 3.

4.2.3 Polychlorinated Biphenyls (PCBs) in Soils

PCBs, including Aroclor-1254 and Aroclor-1262, were detected above the laboratory's reporting limits in eight of the 25 soil samples (SP1-03, SP1-04, SP1-09, and SW-01 through SW-05); however, all concentrations were below the applicable regulatory standards. A summary of the PCB detections in soil is provided as Table 4.

4.2.4 Waste Classification of Soil

RCRA Parameters (Reactivity, Corrosivity, Ignitability)

The analytical laboratory results of the 25 waste classification soil samples show that the RCRA parameters (reactivity, ignitability, or corrosivity) were within the RCRA standards. The pH (corrosivity indicator) of the samples was found to be within the RCRA limits of 2 and 12.5. The flash point was greater than 140 degrees Fahrenheit in all soil samples; therefore, the RCRA characteristics for ignitability were negative. Reactive cyanide and reactive sulfide were not detected in any of the soil samples.

TCLP Metals

Waste classification laboratory results indicate that TCLP lead was detected above the applicable regulatory standard in two of the 25 soil samples. Soil samples SP2-02 and SP2-06 exhibited lead levels above the RCRA Hazardous Waste Level of 5 milligrams per liter (mg/L) at concentrations of 6.9 mg/L and 8.4 mg/L, respectively. The remaining 23 other soil samples contained lead concentrations below the applicable RCRA Hazardous Waste Level. TCLP barium was detected in all 25 soil samples with concentrations ranging from 0.39 mg/L (SP2-03) to 1.30 mg/L (SP1-09), below the applicable RCRA Hazardous Waste Level. A summary of the waste classification parameters is provided as Table 5.

Therefore, results of these analyses indicate that the waste classification soil samples collected do not exhibit evidence of hazardous waste characteristics with respect to reactivity, corrosivity and ignitability. However, soil samples SP2-02 and SP2-06 are hazardous with respect to toxicity, based on the detections of TCLP lead above the applicable RCRA Hazardous Waste Level. Local Law 72 was adhered to based on the results of the samples collected, i.e., the TCLP lead exceedance.

Total Petroleum Hydrocarbons (TPH)

TPH-DRO was detected above the laboratory's reporting limits in 22 of the 25 waste classification soil samples with concentrations ranging from 67 mg/kg (SP2-06) to 1,300 mg/kg (SP2-07), while no TPH-GRO was detected above the laboratory's reporting limits in any of the 25 waste classification soil samples. There are no regulatory standards for TPH. A summary of the waste classification parameters is provided as Table 5.

5.0 CONCLUSIONS AND RECOMMENDATIONS

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 and Conclusions

- No visual or olfactory indications of contamination were observed in any of the 25 soil borings, including PID readings;

- Fill material consisting of moderate to pale yellowish brown, moderate yellowish brown, very pale orange, dusky to pale brown, and grayish brown gravelly sand, sand, and sandy silt to silty sand were observed in all 25 borings. Anthropogenic fill (such as asphalt, plastic, rope, glass, metal, slag, shoe soles, and rubber) was observed in all three stockpiles in soil borings SP1-03 to SP1-06, SP1-10, SP2-02, SP2-05, SP2-06, SP2-08, SP2-10, SW-02, and SW-04 at depths ranging from 0 to 4 ftbg. Refusal was encountered at 21 of the 25 boring locations (all locations except for SP1-04, SP2-02, SP2-03, and SW-04) at depths ranging from 1.0 (SP1-08 and SW-03) to 3.5 ftbg (SP2-01 and SP2-09) due to cobbles;

- Bedrock and groundwater were not encountered in any of the borings;

- One VOC was detected above the laboratory's reporting limit in one of the 25 soil samples; however, the concentration was below the applicable regulatory standard;

- PAHs were detected above the laboratory's reporting limits in all 25 soil samples; however, only six PAHs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, dibenzo[a,h]anthracene, and indeno[1,2,3-cd]pyrene) exhibited concentrations above the applicable regulatory standards in five of the soil samples (SP2-07, SP2-08, SW-01, SW-03, and SW-05), as follows:

    - Benzo[a]anthracene was detected above the Restricted Residential Use (Track 2) SCO of 1 mg/kg in samples SP2-07 and SP2-08 with concentrations of 2.1 mg/kg and 4.8 mg/kg, respectively.
    - Benzo[a]pyrene was detected above both the Restricted Residential Use (Track 2) SCO of 1 mg/kg and the Commercial Use (Track 2) SCO of 1.0 mg/kg in samples SP2-07 and SP2-08 with concentrations of 2.0 mg/kg and 4.2 mg/kg, respectively.

- Benzo[b]fluoranthene was detected above the Restricted Residential Use (Track 2) SCO of 1 mg/kg in samples SP2-07, SP2-08, SW-01, SW-03, and SW-05 with concentrations ranging from 1.2 mg/kg (SW-01 and SW-05) to 5.4 mg/kg (SP2-08).
- Chrysene was detected above the Restricted Residential Use (Track 2) SCO of 3.9 mg/kg in sample SP2-08 at a concentration of 4.6 mg/kg.
- Dibenzo[a,h]anthracene was detected above the Restricted Residential Use (Track 2) SCO of 0.33 mg/kg in sample SP2-07 at a concentration of 0.35 mg/kg and was detected above both the Restricted Residential Use (Track 2) SCO of 0.33 mg/kg and the Commercial Use (Track 2) SCO of 0.56 mg/kg in sample SP2-08 at a concentration of 0.65 mg/kg.
- Indeno[1,2,3-cd]pyrene was detected above the Restricted Residential Use (Track 2) SCO of 0.5 mg/kg in samples SP2-07, SP2-08, and SW-01 with concentrations ranging from 0.58 mg/kg (SW-01) to 2.1 mg/kg (SP2-08).

- PCBs were detected above the laboratory's reporting limits in eight of the 25 soil samples; however, all detectable concentrations were below the applicable regulatory standard;

- The analytical laboratory results of the 25 waste classification soil samples show that the RCRA parameters (reactivity, ignitability, and corrosivity) were within the RCRA standards. Therefore, results of these analyses indicate that the soil samples collected do not exhibit evidence of hazardous waste characteristics for reactivity, ignitability, and corrosivity;

- Waste classification laboratory results indicate that TCLP lead was detected above the applicable regulatory standard in two of the 25 soil samples. Soil samples SP2-02 and SP2-06 exhibited lead levels above the RCRA Hazardous Waste Level of 5 mg/L at concentrations of 6.9 mg/L and 8.4 mg/L, respectively. The remaining 23 soil samples contained lead concentrations below the applicable RCRA Hazardous Waste Level. TCLP barium was detected in all 25 soil samples; however, all concentrations were below the applicable RCRA Hazardous Waste Level. Therefore, results of the TCLP metals analysis indicate that two soil samples collected exhibit evidence of the hazardous waste characteristic for toxicity; and,

- TPH-DRO was detected above the laboratory’s reporting limits in 22 of the 25 waste classification soil samples with concentrations ranging from 67 mg/kg (SP2-06) to 1,300 mg/kg (SP2-07), while no TPH-GRO was detected above the laboratory’s reporting limits in any of the 25 waste classification soil samples. There are no regulatory standards for TPH.

Based on the results of the field investigation and laboratory analytical results, the following recommendations are provided:

Recommendations

- The contract documents should identify provisions and a contingency for managing, handling, transporting, and disposing of any hazardous and non-hazardous contaminated soils. The Contractor should be required to submit a Material Handling Plan to identify the specific protocol and procedures that will be employed to manage the waste in accordance with applicable regulations;

- Dust control procedures are recommended and should be implemented during soil stockpile handling, management or removal activities to minimize the creation and dispersion of fugitive airborne dust. The Contractor should implement dust control measures to minimize potential airborne contaminants (i.e., VOCs, PAHs, TPH, PCBs, hazardous levels of TCLP lead, and other metals) released into the ambient environment as a direct result of such activities; and,

- Before beginning any excavation or soil movement activity, the contractor should submit a Site-specific health and safety plan (HASP) that will meet the requirements set forth by the Occupational, Safety and Health Administration (OSHA), 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.

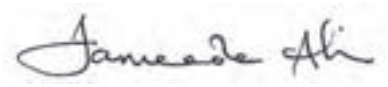
6.0 STATEMENT OF LIMITATIONS

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:



Ian Arturo
Project Scientist



Fameeda Ali, CHMM, ENV SP
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 Site 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 Site.

Louis Berger derived the data in this report primarily from visual inspections, examination of records in the public domain, interviews with individuals with information about the Site, 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 Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

In preparing this report, Louis Berger 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, Louis Berger 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 Site.

Because of the limitations stated above, the findings, observations, and conclusions expressed by Louis Berger 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 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 site 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 CLASSIFICATION RESULTS IN SOIL

Table 1. Summary of Environmental Boring Data
Phase II Soil Stockpile Waste Characterization for Gateway Punchlist
Flatlands Avenue from Schenck Avenue to Jerome Street, etc., Brooklyn, New York

Boring No.	Sample ID	High PID (ppm)	Sample Interval (ftbg)	Total VOCs (mg/kg)	Total PAHs (mg/kg)	TCLP Metals Exceed (Yes/No)[1]	Depth to Water (ftbg)	Total Depth (ftbg)	Othe
SP1-01	SP1-01	<1	2.3 - 2.8	ND	-	No	NE	2.8	No visual or olfactory s
			0.0 - 2.8	-	1.92				Fill material was obser
SP1-02	SP1-02	<1	2.0 - 2.5	ND	-	No	NE	2.5	No visual or olfactory s
			0.0 - 2.5	-	1.611				Fill material was obser
SP1-03	SP1-03	<1	2.3 - 2.8	0.0078	-	No	NE	2.8	No visual or olfactory s
			0.0 - 2.8	-	1.804				Anthropogenic fill mate
									Refusal due to cobbles
SP1-04	SP1-04	<1	3.5 - 4.0	ND	-	No	NE	4.0	No visual or olfactory s
			0.0 - 4.0	-	2.64				Anthropogenic fill mate
									observed.
SP1-05	SP1-05	<1	2.3 - 2.8	ND	-	No	NE	2.8	No visual or olfactory s
			0.0 - 2.8	-	5.599				Anthropogenic fill mate
									observed. Refusal due
SP1-06	SP1-06	<1	0.7 - 1.2	ND	-	No	NE	1.2	No visual or olfactory s
			0.0 - 1.2	-	4.56				Anthropogenic fill mate
									Refusal due to cobbles
SP1-07	SP1-07	<1	2.7 - 3.2	ND	-	No	NE	3.2	No visual or olfactory s
			0.0 - 3.2	-	3.30				Fill material was obser
SP1-08	SP1-08	<1	0.5 - 1.0	ND	-	No	NE	1.0	No visual or olfactory s
			0.0 - 1.0	-	5.04				Fill material was obser
SP1-09	SP1-09	<1	0.9 - 1.4	ND	-	No	NE	1.4	No visual or olfactory s
			0.0 - 1.4	-	7.165				Fill material was obser
SP1-10	SP1-10	<1	2.3 - 2.8	ND	-	No	NE	2.8	No visual or olfactory s
			0.0 - 2.8	-	3.978				Anthropogenic fill mate
									observed. Refusal due
SP2-01	SP2-01	<1	3.0 - 3.5	ND	-	No	NE	3.5	No visual or olfactory s
			0.0 - 3.5	-	6.05				Fill material was obser
SP2-02	SP2-02	<1	3.5 - 4.0	ND	-	Yes	NE	4.0	No visual or olfactory s
			0.0 - 4.0	-	4.3				Anthropogenic fill mate
SP2-03	SP2-03	<1	3.5 - 4.0	ND	-	No	NE	4.0	No visual or olfactory s
			0.0 - 4.0	-	1.44				Fill material was obser
			2.5 - 3.0	ND	-				No visual or olfactory s

Table 1. Summary of Environmental Boring Data
Phase II Soil Stockpile Waste Characterization for Gateway Punchlist
Flatlands Avenue from Schenck Avenue to Jerome Street, etc., Brooklyn, New York

Boring No.	Sample ID	High PID (ppm)	Sample Interval (ftbg)	Total VOCs (mg/kg)	Total PAHs (mg/kg)	TCLP Metals Exceed (Yes/No)[1]	Depth to Water (ftbg)	Total Depth (ftbg)	Othe
SP2-08	SP2-08	<1	2.5 - 3.0	ND	-	No	NE	3.0	No visual or olfactory s
			0.0 - 3.0	-	53.84				Anthropogenic fill mate
									observed. Refusal due
SP2-09	SP2-09	<1	3.0 - 3.5	ND	-	No	NE	3.5	No visual or olfactory s
			0.0 - 3.5	-	2.01				Fill material was obser
SP2-10	SP2-10	<1	2.8 - 3.3	ND	-	No	NE	3.3	No visual or olfactory s
			0.0 - 3.3	-	4.80				Anthropogenic fill mate
									observed. Refusal due
SW-01	SW-01	<1	1.3 - 1.8	ND	-	No	NE	1.8	No visual or olfactory s
			0.0 - 1.8	-	10.449				Fill material was obser
SW-02	SW-02	<1	2.0 - 2.5	ND	-	No	NE	2.5	No visual or olfactory s
			0.0 - 2.5	-	1.83				Anthropogenic fill mate
									Refusal due to cobbles
SW-03	SW-03	<1	0.5 - 1.0	ND	-	No	NE	1.0	No visual or olfactory s
			0.0 - 1.0	-	10.183				Fill material was obser
SW-04	SW-04	<1	3.5 - 4.0	ND	-	No	NE	4.0	No visual or olfactory s
			0.0 - 4.0	-	5.19				Anthropogenic fill mate
									observed.
SW-05	SW-05	<1	1.0 - 1.5	ND	-	No	NE	1.5	No visual or olfactory s
			0.0 - 1.5	-	10.99				Fill material was obser

Notes:
[1] - TCLP metal(s) exceeds Resource Conservation and Recovery Act (RCRA) Hazardous Waste Levels.
All soil samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs), Polycyclic Aromatic Hydroc
N/A = Not applicable
PID = Photoionization detector
ND = Not Detected
NE = Not Encountered
ftbg = feet below grade

Table 2. Summary of Target Compound List (TCL) V
Phase II Soil Stockpile Waste Char
Flatlands Avenue from Schenck Avenue t

TCL VOCs	Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs)	Commercial Use (Track 2) Soil Cleanup Objectives (SCOs)	SP1-01	SP1-02	SP1-03	S
			10/19/2022	10/19/2022	10/19/2022	10/
			2.3 - 2.8	2.0 - 2.5	2.3 - 2.8	3.
Methylene chloride	100	500	ND	ND	0.0078	

TCL VOCs	Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs)	Commercial Use (Track 2) Soil Cleanup Objectives (SCOs)	SP2-04	SP2-05	SP2-06	S
			10/18/2022	10/18/2022	10/18/2022	10/
			2.5 - 3.0	2.0 - 2.5	2.3 - 2.8	2.
Methylene chloride	100	500	ND	ND	ND	

Notes:
All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Ob
ND = Compound not detected above method detection limit (see attached lab report for MDLs)

DDC Project Number: HD-161DPL

Table 3. Summary of Polycyclic Aromati
Phase II Soil Stockpile Waste Char
Flatlands Avenue from Schenck Avenue t

PAHs	Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs)	Commercial Use (Track 2) Soil Cleanup Objectives (SCOs)	SP1-01 10/19/2022 0.0 - 2.8	SP1-02 10/19/2022 0.0 - 2.5	SP1-03 10/19/2022 0.0 - 2.8	S 10/ 0.
Acenaphthene	100	500	ND	ND	ND	
Acenaphthylene	100	500	ND	ND	ND	
Anthracene	100	500	0.044	0.038	ND	
Benzo[a]anthracene	1	5.6	0.18	0.15	0.17	
Benzo[a]pyrene	1	1	0.16	0.14	0.18	
Benzo[b]fluoranthene	1	5.6	0.26	0.22	0.25	
Benzo[g,h,i]perylene	100	500	0.11	0.093	0.13	
Benzo[k]fluoranthene	3.9	56	0.069	0.059	0.074	
Chrysene	3.9	56	0.17	0.14	0.17	
Dibenzo[a,h]anthracene	0.33	0.56	ND	ND	ND	
Fluoranthene	100	500	0.34	0.28	0.29	
Fluorene	100	500	ND	ND	ND	
Indeno[1,2,3-cd]pyrene	0.5	5.6	0.097	0.081	0.10	
Naphthalene	100	500	ND	ND	0.010	
Phenanthrene	100	500	0.20	0.16	0.14	
Pyrene	100	500	0.29	0.25	0.29	

Notes:
All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Ob
ND = Compound not detected above method detection limit (see attached lab report for MDLs)

Table 3. Summary of Polycyclic Aromati
Phase II Soil Stockpile Waste Char
Flatlands Avenue from Schenck Avenue t

PAHs	Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs)	Commercial Use (Track 2) Soil Cleanup Objectives (SCOs)	SP2-04 10/18/2022 0.0 - 3.0	SP2-05 10/18/2022 0.0 - 2.5	SP2-06 10/18/2022 0.0 - 2.8	S 10/ 0.
Acenaphthene	100	500	ND	ND	ND	
Acenaphthylene	100	500	ND	ND	ND	
Anthracene	100	500	0.15	ND	0.065	
Benzo[a]anthracene	1	5.6	0.45	0.20	0.25	
Benzo[a]pyrene	1	1	0.36	0.19	0.25	
Benzo[b]fluoranthene	1	5.6	0.49	0.27	0.38	
Benzo[g,h,i]perylene	100	500	0.16	0.14	0.13	
Benzo[k]fluoranthene	3.9	56	0.18	ND	0.097	
Chrysene	3.9	56	0.44	0.19	0.24	
Dibenzo[a,h]anthracene	0.33	0.56	ND	ND	0.039	
Fluoranthene	100	500	0.76	0.39	0.42	
Fluorene	100	500	ND	ND	ND	
Indeno[1,2,3-cd]pyrene	0.5	5.6	0.15	0.12	0.13	
Naphthalene	100	500	ND	ND	0.010	
Phenanthrene	100	500	0.68	0.23	0.24	
Pyrene	100	500	0.95	0.37	0.42	

Notes:
All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Ob
ND = Compound not detected above method detection limit (see attached lab report for MDLs)
Bold = Concentration exceeds Restricted Residential Use (Track 2) Soil Cleanup Objectives
Shading = Concentration exceeds Commercial Use (Track 2) Soil Cleanup Objectives

DDC Project Number: HD-161DPL

Table 4. Summary of Polychlorinate
Phase II Soil Stockpile Waste Char
Flatlands Avenue from Schenck Avenue t

PCBs	Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs)	Commercial Use (Track 2) Soil Cleanup Objectives (SCOs)	SP1-01	SP1-02	SP1-03	S
			10/19/2022	10/19/2022	10/19/2022	10/
			0.0 - 2.8	0.0 - 2.5	0.0 - 2.8	0.
Aroclor (Total)*	1	1	ND	ND	0.101	
Aroclor-1254	1	1	ND	ND	0.055	
Aroclor-1262	1	1	ND	ND	0.046	

PCBs	Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs)	Commercial Use (Track 2) Soil Cleanup Objectives (SCOs)	SP2-04	SP2-05	SP2-06	S
			10/18/2022	10/18/2022	10/18/2022	10/
			0.0 - 3.0	0.0 - 2.5	0.0 - 2.8	0.
Aroclor (Total)	1	1	ND	ND	ND	
Aroclor-1254	1	1	ND	ND	ND	
Aroclor-1262	1	1	ND	ND	ND	

Notes:
All concentrations are in parts per million or milligrams per kilogram (ppm or mg/kg)
SCOs = Soil Cleanup Objectives as per the NYSDEC Regulations 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Ob
ND = Compound not detected above method detection limit (see attached lab report for MDLs)
* Refers to the total concentration of PCBs in the sample

Table 5. Summary of Waste C
Phase II Soil Stockpile Waste Char
Flatlands Avenue from Schenck Avenue t

Analyte	Resource Conservation and Recovery Act (RCRA) Hazardous Waste Levels	SP1-01	SP1-02	SP1-03	SP1-04	S
		10/19/2022	10/19/2022	10/19/2022	10/19/2022	10/
		0.0 - 2.8	0.0 - 2.5	0.0 - 2.8	0.0 - 4.0	0
RCRA (Including TCLP Metals)						
pH	2 - 12.5*	6.8	7.1	8.3	8.6	
Ignitability	>140 °F**	NEG	NEG	NEG	NEG	
Paint Filter Test	NS	NEG	NEG	NEG	NEG	
Reactive Cyanide	NS	ND	ND	ND	ND	
Reactive Sulfide	NS	ND	ND	ND	ND	
Arsenic	5	ND	ND	ND	ND	
Barium	100	0.59	0.62	1.1	0.78	
Cadmium	1	ND	ND	ND	ND	
Chromium	5	ND	ND	ND	ND	
Lead	5	0.65	0.32	0.35	0.22	
Mercury	0.2	ND	ND	ND	ND	
Selenium	1	ND	ND	ND	ND	
Silver	5	ND	ND	ND	ND	
TPH DRO/GRO (mg/kg)						
TPH - Diesel Range Organics	NA	ND	ND	82	180	
TPH - Gasoline Range Organics	NA	ND	ND	ND	ND	

Notes:
All concentrations are in parts per million, milligrams per kilogram, or milligrams per liter (ppm, mg/kg, or
Shaded = Compound detected above the RCRA hazardous waste level
TCLP = Toxicity Characteristic Leaching Procedure
NS = No Standard
ND = Compound not detected above method detection limit (see attached lab report for MDLs)
*A solid waste exhibits the characteristic of corrosivity if it has a pH less than or equal to 2 or greater than or equal
**A solid waste exhibits the characteristic of ignitability if it has flash point less than 140 °F
°F = Degrees Fahrenheit
NEG = Negative (flash point was not detected below 140 °F) or Negative (Paint was not detected from Paint Filter

Table 5. Summary of Waste C
Phase II Soil Stockpile Waste Char
Flatlands Avenue from Schenck Avenue t

Analyte	Resource Conservation and Recovery Act (RCRA) Hazardous Waste Levels	SP2-04	SP2-05	SP2-06	SP2-07	S
		10/18/2022	10/18/2022	10/18/2022	10/18/2022	10/
		0.0 - 3.0	0.0 - 2.5	0.0 - 2.8	0.0 - 2.5	0
RCRA (Including TCLP Metals)						
pH	2 - 12.5*	8	8.1	8.5	7.8	
Ignitability	>140 °F**	NEG	NEG	NEG	NEG	
Paint Filter Test	NS	NEG	NEG	NEG	NEG	
Reactive Cyanide	NS	ND	ND	ND	ND	
Reactive Sulfide	NS	ND	ND	ND	ND	
Arsenic	5	ND	ND	ND	ND	
Barium	100	0.52	0.61	0.53	0.43	
Cadmium	1	ND	ND	ND	ND	
Chromium	5	ND	ND	ND	ND	
Lead	5	0.12	0.92	8.4	0.26	
Mercury	0.2	ND	ND	ND	ND	
Selenium	1	ND	ND	ND	ND	
Silver	5	ND	ND	ND	ND	
TPH DRO/GRO (mg/kg)						
TPH - Diesel Range Organics	NA	100	120	67	1,300	
TPH - Gasoline Range Organics	NA	ND	ND	ND	ND	

Notes:
All concentrations are in parts per million, milligrams per kilogram, or milligrams per liter (ppm, mg/kg, or
Shaded = Compound detected above the RCRA hazardous waste level
TCLP = Toxicity Characteristic Leaching Procedure
NS = No Standard
ND = Compound not detected above method detection limit (see attached lab report for MDLs)
*A solid waste exhibits the characteristic of corrosivity if it has a pH less than or equal to 2 or greater than or equal
**A solid waste exhibits the characteristic of ignitability if it has flash point less than 140 °F
°F = Degrees Fahrenheit
NEG = Negative (flash point was not detected below 140 °F) or Negative (Paint was not detected from Paint Filter

DDC Project Number: HD-161DPL

FIGURE 1 – TOPOGRAPHIC SITE LOCATION MAP



Legend

Site Boundary

Department of Design and Construction

Louis Berger

DDC PROJECT NO.: HD-161DPL

WOL NO.:OEHS-20201409799-WOL-281

TOPOGRAPHIC SITE LOCATION MAP

PHASE II SOIL STOCKPILE WASTE CHARACTERIZATION FOR GATEWAY PUNCHLIST, FLATLANDS AVENUE FROM SCHENCK AVENUE TO JEROME STREET, ETC., BROOKLYN, NY

Source: USGS Quadrangles Brooklyn and Jamaica New York (2020)

SCALE: 1:00 DATE: 12/23/2022 FIGURE: 1

Version Date: May 16, 2022

FIGURE 2 – SOIL BORING LOCATION PLAN



NYC DDC Department of Design and Construction

Louis Berger

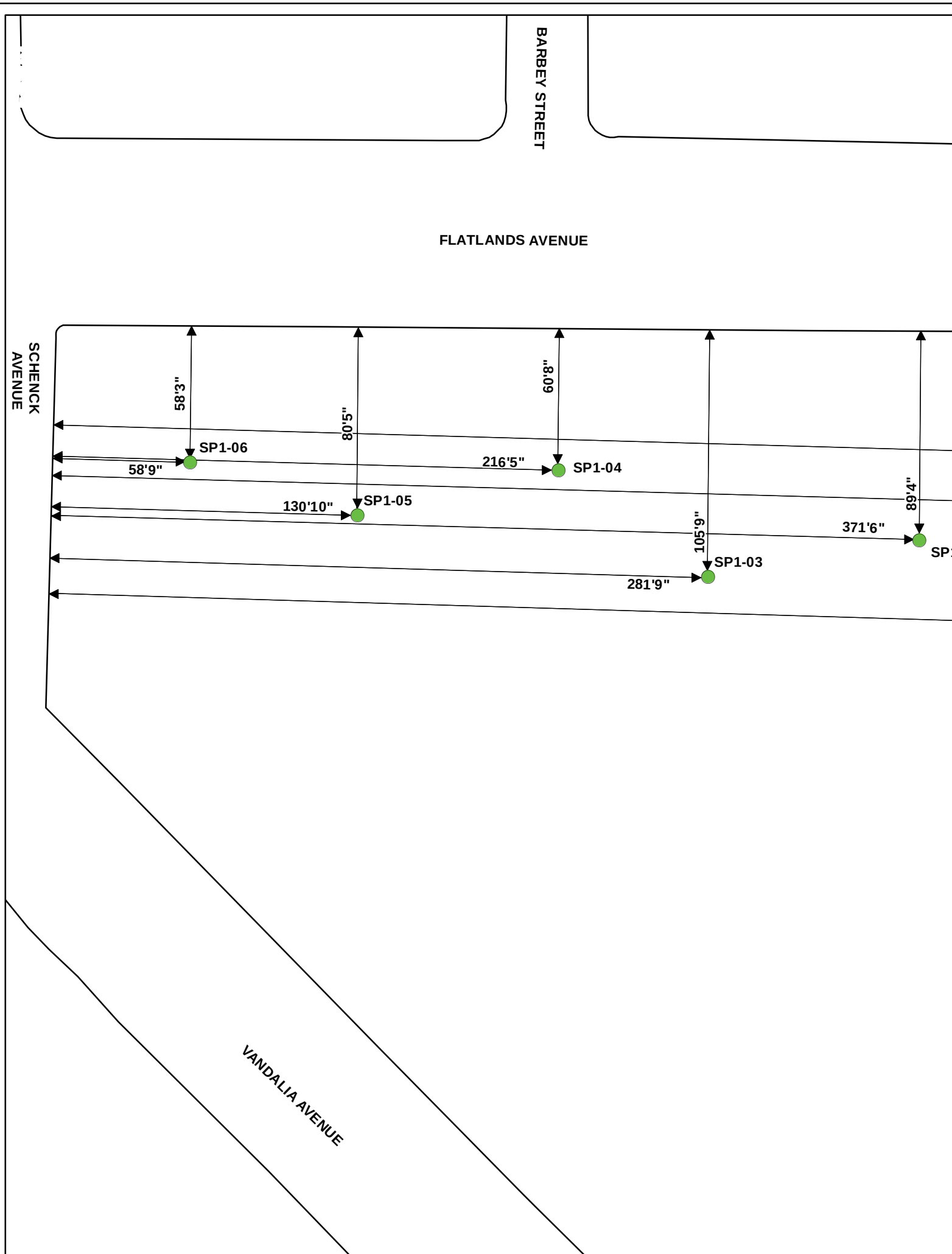
DDC PROJECT NO.: HD-161DPL WOL NO.: OEHS-20201409799-WOL-281

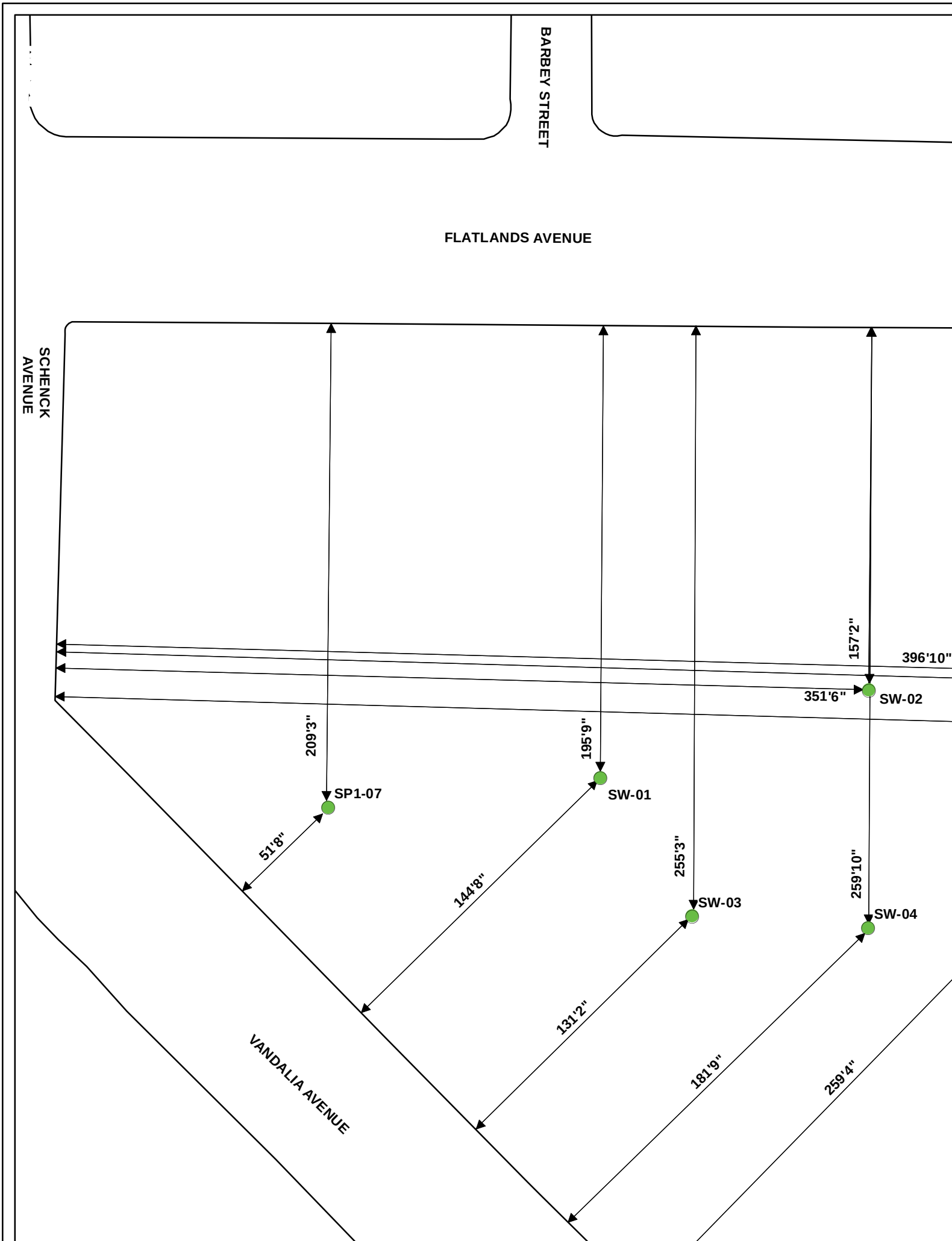
SOIL BORING LOCATION PLAN

PHASE II SOIL STOCKPILE WASTE CHARACTERIZATION FOR GATEWAY PUNCHLIST, FLATLANDS AVENUE FROM SCHENCK AVENUE TO JEROME STREET, ETC., BROOKLYN, NY

SCALE: As noted	DATE: 12/8/2022	FIGURE: 2

APPENDIX A
BORING LOCATION PLAN


BARBEY STREET
FLATLANDS AVENUE
SCHENCK AVENUE
58'3"
80'5"
"8.09
89'4"
SP1-06
58'9"
216'5"
SP1-04
130'10"
SP1-05
105'9"
371'6"
SP1-03
281'9"
VANDALIA AVENUE


BARBEY STREET
FLATLANDS AVENUE
SCHENCK AVENUE
VANDALIA AVENUE
396'10"
157'2"
351'6"
SW-02
209'3"
SP1-07
195'9"
SW-01
51'8"
144'8"
255'3"
SW-03
259'10"
SW-04
131'2"
181'9"
259'4"

BARBEY STREET
FLATLANDS AVENUE
SCHENCK AVENUE
VANDALIA AVENUE
303'11"
302'3"
360'5"
329'8"
421'1"
371'8"
322'11"
SP1-08
SP1-09
SW-05
SP1-10
SP2-09
36'3"
70'10"
44'9'
90'2"
154'8"

APPENDIX B
GEOLOGIC BORING LOGS

Drilling Log

Page 1 of 1

BORING NO.: SP1-01

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/19/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.8	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.8	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178191.1607
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1018086.771
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.8 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, little Silt, little coarse to fine Gravel, moist.	**Sand (Fill)**
	2		FILL			<1	Pale yellowish brown (10YR 6/2), coarse to fine SAND, little Silt, little coarse to fine Gravel, moist. Total Depth of Boring 2.8 feet.	**Collected grab sample SP1-01 from 2.3 to 2.8 ftbg and composite sample SP1-01 from 0 to 2.8 ftbg.**
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-02

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/19/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.5 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.5 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178230.1031
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018036.927
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, trace Silt, trace coarse to fine Gravel, moist.	**Sand (Fill)**
	2		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, some Silt, trace coarse to fine Gravel, moist. Total Depth of Boring 2.5 feet.	**Silty Sand (Fill). Collected grab sample SP1-02 from 2.0 to 2.5 ftbg and composite sample SP1-02 from 0 to 2.5 ftbg.**
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-03

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/19/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.8	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.8	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178171.3245
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1017966.625
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.8 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		Fill			<1	Moderate brown (5YR 3/4), coarse to fine SAND, some Silt, trace coarse to fine Gravel (3% fill material: asphalt), moist.	**Silty Sand (Fill)**
	1		Fill			<1	Moderate brown (5YR 3/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel, wet.	**Sand (Fill). Collected grab sample SP1-03 from 2.3 to 2.8 ftbg and composite sample SP1-03 from 0 to 2.8 ftbg.**
	2						Total Depth of Boring 2.8 feet.	
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-04

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/19/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 4	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): N/A	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178178.7251
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1017888.403
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		Fill			<1	Moderate brown (5YR 4/4), coarse to fine SAND, some Silt, trace coarse to fine Gravel (3% fill material: plastic), moist.	**Silty Sand (Fill)**
	2		Fill			<1	Moderate brown (5YR 4/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel (3% fill material: plastic), moist.	**Sand (Fill)**
	3		Fill			<1	Moderate brown (5YR 4/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel (3% fill material: rope), moist.	**Collected grab sample SP1-04 from 3.5 to 4.0 ftbg and composite sample SP1-04 from 0 to 4.0 ftbg.**
	4						Total Depth of Boring 4 feet.	

Drilling Log

Page 1 of 1

BORING NO.: SP1-05

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/19/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.8	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.8	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178119.0862
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1017823.406
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.8 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Dusky brown (5YR 2/2), medium to fine SAND, some Silt, trace coarse to fine Gravel (5% fill material: plastic, glass), moist.	**Silty Sand (Fill)**
	2		FILL			<1	Dusky brown (5YR 2/2), medium to fine SAND, some Silt, little coarse to fine Gravel, moist. Total Depth of Boring 2.8 feet.	**Collected grab sample SP1-05 from 2.3 to 2.8 ftbg and composite sample SP1-05 from 0 to 2.8 ftbg.**
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-06

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/19/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 1.2 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 1.2 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178103.0345
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1017750.126
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 1.2 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 3/4), SILT, some coarse to fine Sand, little coarse to fine Gravel (3% fill material: plastic), moist. Total Depth of Boring 1.2 feet.	**Sandy Silt (Fill). Collected grab sample SP1-06 from 0.7 to 1.2 ftbg and composite sample SP1-06 from 0 to 1.2 ftbg.**
	2							
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-07

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/19/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 3.2 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 3.2 / **Screen Length (ft):** N/A	**NORTHING (ft):** 177999.9134
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1017874.453
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 3.2 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0 – 1 – 2 – 3		FILL			<1	Grayish brown (5YR 3/2), coarse to fine SAND, little Silt, trace coarse to fine Gravel, moist. Total Depth of Boring 3.2 feet.	**Sand (Fill). Collected grab sample SP1-07 from 2.7 to 3.2 ftbg and composite sample SP1-07 from 0 to 3.2 ftbg.**
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-08

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/19/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 1	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 1	**Screen Length (ft):**	N/A	**NORTHING (ft):** 177953.4069
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1017984.174
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 1.0 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 3/4), SILT, some coarse to fine Sand, trace coarse to fine Gravel, moist. Total Depth of Boring 1 feet.	**Sandy Silt (Fill). Collected grab sample SP1-08 from 0.5 to 1.0 ftbg and composite sample SP1-08 from 0 to 1.0 ftbg.**
	2							
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-09

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/19/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 1.4 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 1.4 / **Screen Length (ft):** N/A	**NORTHING (ft):** 177978.1016
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018024.369
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 1.4 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		Fill			<1	Moderate brown (5YR 3/4), SILT, some coarse to fine Sand, little coarse to fine Gravel, moist. Total Depth of Boring 1.4 feet.	**Sandy Silt (Fill). Collected grab sample SP1-09 from 0.9 to 1.4 ftbg and composite sample SP1-09 from 0 to 1.4 ftbg.**
	2							
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP1-10

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/19/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/19/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.8 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.8 / **Screen Length (ft):** N/A	**NORTHING (ft):** 177937.9045
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018071.367
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.8 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Moderate brown (5YR 4/4), SILT, and coarse to fine Sand, little coarse to fine Gravel (3% fill material: plastic), moist.	**Sandy Silt (Fill)**
	1		FILL			<1	Moderate brown (5YR 4/4), SILT, some coarse to fine Sand, little coarse to fine Gravel (5% fill material: plastic, glass), moist.	**Collected grab sample SP1-10 from 2.3 to 2.8 ftbg and composite sample SP1-10 from 0 to 2.8 ftbg.**
	2						Total Depth of Boring 2.8 feet.	
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-01

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/18/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 3.5	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 3.5	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178300.1836
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1018084.888
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 3.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, some Silt, moist.	**Silty Sand (Fill)**
			FILL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, some Silt, trace coarse to fine Gravel, moist.	
	1							
			FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, some Silt, trace coarse to fine Gravel, moist.	**Collected grab sample SP2-01 from 3.0 to 3.5 ftbg and composite sample SP2-01 from 0 to 3.5 ftbg.**
	2							
	3						Total Depth of Boring 3.5 feet.	
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-02

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/18/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 4	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): N/A	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178292.1679
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1018115.504
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate yellowish brown (10YR 5/4), medium to fine SAND, little Silt, trace coarse to fine Gravel (3% fill material: metal), moist.	**Sand (Fill)**
	2		FILL			<1	Moderate yellowish brown (10YR 5/4), medium to fine SAND, little Silt, trace coarse to fine Gravel, moist.	**Collected grab sample SP2-02 from 3.5 to 4.0 ftbg and composite sample SP2-02 from 0 to 4.0 ftbg.**
	3							
	4						Total Depth of Boring 4 feet.	

Drilling Log

Page 1 of 1

BORING NO.: SP2-03

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/18/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25	**Well Diameter (in):** N/A		**DRIILER:** I. Arturo
Total Depth (ft.): 4	**Total Depth (ft.):** N/A		**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): N/A	**Screen Length (ft):** N/A		**NORTHING (ft):** 178246.7355
Depth to Water (ft.): N/A	**Depth to Water (ft.):** N/A		**EASTING (ft):** 1018137.815
Depth to Rock (ft.): N/A	**Slot Size (in):** N/A		**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Moderate yellowish brown (10YR 5/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel, moist.	**Sand (Fill)**
	1							
	2		FILL			<1	Very pale orange (10YR 8/2) to moderate yellowish brown (10YR 5/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel, moist.	**Collected grab sample SP2-03 from 3.5 to 4.0 ftbg and composite sample SP2-03 from 0 to 4.0 ftbg.**
	3							
	4						Total Depth of Boring 4 feet.	

Drilling Log

Page 1 of 1

BORING NO.: SP2-04

LOCATION:Brooklyn, NY

CLIENT:	NYC Department of Design and Construction	**PROJECT NO.:**	31402661.253
PROJECT:	Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:**	HD-161DPL
DRILLING CONTRACTOR:	Louis Berger	**WOL #:**	OEHS-20201409799-WOL-281
DRILLING METHOD:	Hand Auger	**DATE STARTED:**	10/18/2022
BOREHOLE DATA		**DATE FINISHED:**	10/18/2022
Diameter (in):	3.25	**DRIILER:**	I. Arturo
Total Depth (ft.):	3	**INSPECTOR:**	J. Hampsey
Depth to Refusal (ft):	3	**NORTHING (ft):**	178202.2547
Depth to Water (ft.):	N/A	**EASTING (ft):**	1018114.298
Depth to Rock (ft.):	N/A	**SURFACE ELEVATION (ft):**	N/A
WELL DATA			
Well Diameter (in):	N/A		
Total Depth (ft.):	N/A		
Screen Length (ft):	N/A		
Depth to Water (ft.):	N/A		
Slot Size (in):	N/A		

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 3.0 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel, moist.	**Sand (Fill)**
	2		FILL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, and Silt, moist.	**Silty Sand (Fill)**
	3		FILL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, some Silt, trace coarse to fine Gravel, moist. Total Depth of Boring 3 feet.	**Collected grab sample SP2-04 from 2.5 to 3.0 ftbg and composite sample SP2-04 from 0 to 3.0 ftbg.**
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-05

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.5 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.5 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178206.525
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018162.569
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1 2		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel (3% fill material: plastic), moist. Total Depth of Boring 2.5 feet.	**Sand (Fill). Collected grab sample SP2-05 from 2.0 to 2.5 ftbg and composite sample SP2-05 from 0 to 2.5 ftbg.**
	3 4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-06

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.8 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.8 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178136.1429
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018162.251
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.8 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Moderate brown (5YR 3/4), coarse to fine SAND, little Silt, trace coarse to fine Gravel (5% fill material: asphalt, glass), moist.	**Sand (Fill)**
	1		FILL			<1	Moderate brown (5YR 3/4) to pale brown (5YR 5/2), coarse to fine SAND, trace Silt, trace coarse to fine Gravel, moist.	**Collected grab sample SP2-06 from 2.3 to 2.8 ftbg and composite sample SP2-06 from 0 to 2.8 ftbg.**
	2						Total Depth of Boring 2.8 feet.	
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-07

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.5 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.5 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178079.8302
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018177.223
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, little Silt, some coarse to fine Gravel, moist.	**Gravelly Sand (Fill)**
	1		FILL			<1	Moderate brown (5YR 4/4) to pale yellowish brown (10YR 6/2), coarse to fine SAND, little Silt, little coarse to fine Gravel, moist.	**Sand (Fill). Collected grab sample SP2-07 from 2.0 to 2.5 ftbg and composite sample SP2-07 from 0 to 2.5 ftbg.**
	2						Total Depth of Boring 2.5 feet.	
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-08

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/18/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 3	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 3	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178029.5127
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1018156.732
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 3.0 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, some Silt, little coarse to fine Gravel, moist.	**Silty Sand (Fill)**
	2		FILL			<1	Moderate brown (5YR 4/4), coarse to fine SAND, some Silt, some coarse to fine Gravel (8% fill material: glass, slag, shoes soles), moist.	**Gravelly Silty Sand (Fill). Collected grab sample SP2-08 from 2.5 to 3.0 ftbg and composite sample SP2-08 from 0 to 3.0 ftbg.**
	3						Total Depth of Boring 3 feet.	
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-09

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 3.5 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 3.5 / **Screen Length (ft):** N/A	**NORTHING (ft):** 177976.8631
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018162.638
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 3.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Pale yellowish brown (10YR 6/2), coarse to fine SAND, some Silt, little coarse to fine Gravel, moist.	**Silty Sand (Fill)**
	1		FILL			<1	Pale yellowish brown (10YR 6/2) to dusky brown (5YR 2/2), coarse to fine SAND, some Silt, trace coarse to fine Gravel, moist.	**Collected grab sample SP2-09 from 3.0 to 3.5 ftbg and composite sample SP2-09 from 0 to 3.5 ftbg.**
	2							
	3						Total Depth of Boring 3.5 feet.	
	4							

Drilling Log

Page 1 of 1

BORING NO.: SP2-10

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 3.3 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 3.3 / **Screen Length (ft):** N/A	**NORTHING (ft):** 177911.6553
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018147.943
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 3.3 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 4/4), medium to fine SAND, some Silt, little coarse to fine Gravel (5% fill material: asphalt, rubber), moist.	**Silty Sand (Fill)**
	2		FILL			<1	Moderate brown (5YR 4/4), medium to fine SAND, some Silt, trace coarse to fine Gravel, moist.	**Collected grab sample SP2-10 from 2.8 to 3.3 ftbg and composite sample SP2-10 from 0 to 3.3 ftbg.**
	3						Total Depth of Boring 3.3 feet.	
	4							

Drilling Log

Page 1 of 1

BORING NO.: SW-01

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 1.8 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 1.8 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178069.8178
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1017970.094
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 1.8 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0		FILL			<1	Moderate brown (5YR 4/4), SILT, some coarse to fine Sand, little coarse to fine Gravel, moist.	**Sandy Silt (Fill)**
	1		FILL			<1	Moderate brown (5YR 4/4), SILT, some coarse to fine Sand, moist.	**Collected grab sample SW-01 from 1.3 to 1.8 ftbg and composite sample SW-01 from 0 to 1.8 ftbg.**
							Total Depth of Boring 1.8 feet.	
	2							
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SW-02

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/18/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 2.5	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 2.5	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178160.6116
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1018051.748
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 2.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1 2		FILL			<1	Moderate yellowish brown (10YR 5/4), coarse to medium SAND, little Silt, trace coarse to fine Gravel (3% fill material: glass), moist. Total Depth of Boring 2.5 feet.	**Sand (Fill). Collected grab sample SW-02 from 2.0 to 2.5 ftbg and composite sample SW-02 from 0 to 2.5 ftbg.**
	3 4							

Drilling Log

Page 1 of 1

BORING NO.: SW-03

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 1 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 1 / **Screen Length (ft):** N/A	**NORTHING (ft):** 178037.9001
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018034.406
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 1.0 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 4/4), SILT, some coarse to medium Sand, some coarse to fine Gravel, moist. Total Depth of Boring 1 feet.	**Gravelly Sandy Silt (Fill). Collected grab sample SW-03 from 0.5 to 1.0 ftbg and composite sample SW-03 from 0 to 1.0 ftbg.**
	2							
	3							
	4							

Drilling Log

Page 1 of 1

BORING NO.: SW-04

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction			**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist			**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger			**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger			**DATE STARTED:** 10/18/2022
BOREHOLE DATA	**WELL DATA**		**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25	**Well Diameter (in):**	N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 4	**Total Depth (ft.):**	N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): N/A	**Screen Length (ft):**	N/A	**NORTHING (ft):** 178071.4753
Depth to Water (ft.): N/A	**Depth to Water (ft.):**	N/A	**EASTING (ft):** 1018102.718
Depth to Rock (ft.): N/A	**Slot Size (in):**	N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	0 – 4		FILL			<1	Moderate brown (5YR 3/4), SILT, little coarse to fine Sand, trace coarse to fine Gravel (5% fill material: plastic, asphalt), moist. Total Depth of Boring 4 feet.	**Silt (Fill). Collected grab sample SW-04 from 3.5 to 4.0 ftbg and composite sample SW-04 from 0 to 4.0 ftbg.**

Drilling Log

Page 1 of 1

BORING NO.: SW-05

LOCATION:Brooklyn, NY

CLIENT: NYC Department of Design and Construction	**PROJECT NO.:** 31402661.253
PROJECT: Phase II Soil Stockpile Waste Characterization for Gateway Punchlist	**FMS ID#:** HD-161DPL
DRILLING CONTRACTOR: Louis Berger	**WOL #:** OEHS-20201409799-WOL-281
DRILLING METHOD: Hand Auger	**DATE STARTED:** 10/18/2022
BOREHOLE DATA / **WELL DATA**	**DATE FINISHED:** 10/18/2022
Diameter (in): 3.25 / **Well Diameter (in):** N/A	**DRIILER:** I. Arturo
Total Depth (ft.): 1.5 / **Total Depth (ft.):** N/A	**INSPECTOR:** J. Hampsey
Depth to Refusal (ft): 1.5 / **Screen Length (ft):** N/A	**NORTHING (ft):** 177981.1978
Depth to Water (ft.): N/A / **Depth to Water (ft.):** N/A	**EASTING (ft):** 1018085.232
Depth to Rock (ft.): N/A / **Slot Size (in):** N/A	**SURFACE ELEVATION (ft):** N/A

NOTES: Soil description based on Unified Soil Classification System (USCS), Burmister Classification and Munsell Rock Color Chart.
Refusal at 1.5 ftbg due to cobbles

Well Construction	Depth (feet)	Lithology	USCS	Sample Interval	Sample Recovery	PID Reading (ppm)	Description and Stratigraphy	Remarks
	1		FILL			<1	Moderate brown (5YR 3/4), SILT, some coarse to medium Sand, little coarse to fine Gravel, moist. Total Depth of Boring 1.5 feet.	**Sandy Silt (Fill). Collected grab sample SW-05 from 1.0 to 1.5 ftbg and composite sample SW-05 from 0 to 1.5 ftbg.**
	2							
	3							
	4							

APPENDIX C
LABORATORY ANALYTICAL RESULTS

Hampton-Clarke
Analytical & Field Services

175 US Highway 46, STE D · Fairfield, NJ 07004-2327
2 Madison Road, Fairfield, NJ 07004-2327
800-426-9992 · 973-244-9770
FAX: 973-244-9787
WWW.HCVLAB.COM

Project: HD161E-GatewayEstates

Client PO: 31402661.253

Report To: WSP USA, Inc.
350 Mount Kemble Avenue
Morristown, NJ 07960
Attn: Jonathan Ganz

Received Date: 10/18/2022

Report Date: 11/9/2022

Deliverables: NYDOH-R

Lab ID: AD33983

Lab Project No: 2101904

This report is a true report of results obtained from our tests of this material. The report relates only to those samples received and analyzed by the laboratory. All results meet the requirements of the NELAC Institute standards. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

In lieu of a formal contract document, the total aggregate liability of Hampton-Clarke to all parties shall not exceed Hampton-Clarke's total fee for analytical services rendered.

Sean Berls - Quality Assurance Officer OR **Jean Revolus - Laboratory Director**

NJ (07071) NY (ELAP11408) CT (PH-0671)
PA (68-00463) KY (90124)

Table of Contents - 2101904

Sample Summary..... 1

Case Narrative..... 2

Executive Summary..... 3

Report of Analysis..... 12

Reporting Definitions / Data Qualifiers..... 72

Laboratory Chronicles..... 73

Chain of Custody Forms..... 83

- Chain of Custody
- Condition Upon Receipt Forms
- Preservation Documentation Forms (If Applicable)
- Internal Chain Of Custody Records

Volatile Data..... 91

- Form 1 Sample and Blank Results
- Form 2 Surrogate Recovery
- Form 3 Spike Recovery
- Form 4 Method Blank Summary
- Form 5 Tune Summary
- Form 6,7 Calibration & RT Summary
- Form 8 Internal Standard Area Summary

Base Neutral/Acid Extractable Data..... 161

- Form 1 Sample and Blank Results
- Form 2 Surrogate Recovery
- Form 3 Spike Recovery
- Form 4 Method Blank Summary
- Form 5 Tune Summary
- Form 6,7 Calibration & RT Summary
- Form 8 Internal Standard Area Summary

PCB Data..... 283

- Form 1 Sample and Blank Results
- Form 2 Surrogate Recovery
- Form 3 Spike Recovery
- Form 4 Method Blank Summary
- Form 5 Run Logs & RT Shift Summary
- Form 6, 7 Calibration Summary

TPH Data..... 345

Form 1 Sample and Blank Results

Form 2 Surrogate Recovery

Form 3 Spike Recovery

Form 4 Method Blank Summary

Form 5 Run Logs & RT Shift Summary

Form 6, 7 Calibration Summary

GRO Data..... 410

Form 1 Sample and Blank Results

Form 2 Surrogate Recovery

Form 3 Spike Recovery

Form 4 Method Blank Summary

Form 5 Run Logs & BFB Spectra

Form 6, 7 Calibration Summary

TCLP Metal Data..... 468

Form 1 Sample Results

Metals Form 2 Calibration Summary

Metals Form 3 Blank Summary

Metals Form 4 ICP Interference Check Sample Summary

Metals Form 5/7 Spike / LCS Recovery Data

Metals Form 6/9 Duplicate / Serial Dilution Sample Data

Wet Chemistry Data..... 498

Form 1 Sample Results

Inorganic Spreadsheet / QC Summary

Miscellaneous Data..... 514

Sample Summary

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#	SampleID	Matrix	Collection Date	Receipt Date
AD33983-001	SP-2-01	Soil	10/18/2022	10/18/2022
AD33983-002	WC-SP-2-01	Soil	10/18/2022	10/18/2022
AD33983-003	SP-2-02	Soil	10/18/2022	10/18/2022
AD33983-004	WC-SP-2-02	Soil	10/18/2022	10/18/2022
AD33983-005	SP-2-03	Soil	10/18/2022	10/18/2022
AD33983-006	WC-SP-2-03	Soil	10/18/2022	10/18/2022
AD33983-007	SP-2-04	Soil	10/18/2022	10/18/2022
AD33983-008	WC-SP-2-04	Soil	10/18/2022	10/18/2022
AD33983-009	SP-2-05	Soil	10/18/2022	10/18/2022
AD33983-010	WC-SP-2-05	Soil	10/18/2022	10/18/2022
AD33983-011	SP-2-06	Soil	10/18/2022	10/18/2022
AD33983-012	WC-SP-2-06	Soil	10/18/2022	10/18/2022
AD33983-013	SP-2-07	Soil	10/18/2022	10/18/2022
AD33983-014	WC-SP-2-07	Soil	10/18/2022	10/18/2022
AD33983-015	SP-2-08	Soil	10/18/2022	10/18/2022
AD33983-016	WC-SP-2-08	Soil	10/18/2022	10/18/2022
AD33983-017	SP-2-09	Soil	10/18/2022	10/18/2022
AD33983-018	WC-SP-2-09	Soil	10/18/2022	10/18/2022
AD33983-019	SP-2-10	Soil	10/18/2022	10/18/2022
AD33983-020	WC-SP-2-10	Soil	10/18/2022	10/18/2022
AD33983-021	SW-03	Soil	10/18/2022	10/18/2022
AD33983-022	WC-SW-03	Soil	10/18/2022	10/18/2022
AD33983-023	SW-01	Soil	10/18/2022	10/18/2022
AD33983-024	WC-SW-01	Soil	10/18/2022	10/18/2022
AD33983-025	SW-02	Soil	10/18/2022	10/18/2022
AD33983-026	WC-SW-02	Soil	10/18/2022	10/18/2022
AD33983-027	SW-04	Soil	10/18/2022	10/18/2022
AD33983-028	WC-SW-04	Soil	10/18/2022	10/18/2022
AD33983-029	SW-05	Soil	10/18/2022	10/18/2022
AD33983-030	WC-SW-05	Soil	10/18/2022	10/18/2022

HC Case Narrative

Client: WSP USA **HC Project:** 2101904
Project: HD161E-Gateway Estates

This case narrative is in the form of an exception report. Method specific and/or QA/QC anomalies related to this report only are detailed below.

Volatile Organic Analysis:

The Method Blank Spike for batch 105033 had recoveries outside QC limits. Please refer to the applicable Form 3 for the recoveries. Please refer to Form 4 to see which samples are associated with the Method Blank Spike.

The MS/MSD RPD, Matrix Spike and/or Matrix Spike Duplicate for batch 105033 had recoveries outside QC limits. Please refer to the applicable Form 3 for the recoveries.

Base Neutral Analysis:

The Method Blank Spike for batches 103380, 103377 had recoveries outside QC limits. Please refer to the applicable Form 3 for the recoveries. Please refer to Form 4 to see which samples are associated with the Method Blank Spike.

The MS/MSD RPD, Matrix Spike and/or Matrix Spike Duplicate for batches 103380, 103377 had recoveries outside QC limits. Please refer to the applicable Form 3 for the recoveries.

Samples AD33914-003, MS, MSD had one or more surrogates outside QC limits. Please refer to the applicable Form 2 for the recoveries.

PCB Analysis:

Samples AD33983-024 had a surrogate recovery outside QC limits. Please refer to the applicable Form 2 for the recoveries.

Total Petroleum Hydrocarbon Analysis:

Data conforms to method requirements.

Gasoline Range Organics Analysis:

Data conforms to method requirements.

TCLP Metals Analysis:

Data conforms to method requirements.

Wet Chemistry Analysis:

Samples AD33983-002, 004, 006, 008, 010, 012, 014, 016, 018, 020, 022, 024, 026, 028, 030 were analyzed for Reactivity using SW-846 7.3. SW-846 7.3 is not a NELAP accredited parameter.

Samples AD33983-002, 004, 006, 008, 010, 012, 014, 016, 018, 020, 022, 024, 026, 028, 030 were analyzed for the Paint Filter Liquids Test using less than 100g due to limited sample volume.

Sean Berls
Quality Assurance Officer

Or

Jean Revolus
Laboratory Director

11/10/2022
Date

HC Executive Summary

Client: WSP USA, Inc.

HC Project #: 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-002 **Sample ID: WC-SP-2-01**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.5	9045D
Temperature	c		21.2	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.72	EPA 6010D
Lead	mg/l	0.050	0.26	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	64	110	EPA 8015D
Anthracene	mg/kg	0.11	0.15	EPA 8270E
Benzo[a]anthracene	mg/kg	0.11	0.53	EPA 8270E
Benzo[a]pyrene	mg/kg	0.11	0.53	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.11	0.77	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.11	0.26	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.11	0.26	EPA 8270E
Chrysene	mg/kg	0.11	0.56	EPA 8270E
Fluoranthene	mg/kg	0.11	1.1	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.11	0.25	EPA 8270E
Phenanthrene	mg/kg	0.11	0.64	EPA 8270E
Pyrene	mg/kg	0.11	1.0	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

Lab#: AD33983-004 **Sample ID: WC-SP-2-02**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.8	9045D
Temperature	c		21.2	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.54	EPA 6010D
Lead	mg/l	0.050	6.9	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	63	110	EPA 8015D
Benzo[a]anthracene	mg/kg	0.11	0.42	EPA 8270E
Benzo[a]pyrene	mg/kg	0.11	0.39	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.11	0.54	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.11	0.19	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.11	0.20	EPA 8270E
Chrysene	mg/kg	0.11	0.39	EPA 8270E
Fluoranthene	mg/kg	0.11	0.77	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.11	0.17	EPA 8270E
Phenanthrene	mg/kg	0.11	0.47	EPA 8270E
Pyrene	mg/kg	0.11	0.76	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-006 **Sample ID: WC-SP-2-03**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.1	9045D
Temperature	c		21.0	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.39	EPA 6010D
Lead	mg/l	0.050	0.17	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	63	120	EPA 8015D
Benzo[a]anthracene	mg/kg	0.10	0.17	EPA 8270E
Benzo[a]pyrene	mg/kg	0.10	0.17	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.10	0.22	EPA 8270E
Chrysene	mg/kg	0.10	0.15	EPA 8270E
Fluoranthene	mg/kg	0.10	0.29	EPA 8270E
Phenanthrene	mg/kg	0.10	0.15	EPA 8270E
Pyrene	mg/kg	0.10	0.29	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

Lab#: AD33983-008 **Sample ID: WC-SP-2-04**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.0	9045D
Temperature	c		21.2	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.52	EPA 6010D
Lead	mg/l	0.050	0.12	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	63	100	EPA 8015D
Anthracene	mg/kg	0.11	0.15	EPA 8270E
Benzo[a]anthracene	mg/kg	0.11	0.45	EPA 8270E
Benzo[a]pyrene	mg/kg	0.11	0.36	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.11	0.49	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.11	0.16	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.11	0.18	EPA 8270E
Chrysene	mg/kg	0.11	0.44	EPA 8270E
Fluoranthene	mg/kg	0.11	0.76	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.11	0.15	EPA 8270E
Phenanthrene	mg/kg	0.11	0.68	EPA 8270E
Pyrene	mg/kg	0.11	0.95	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-010 **Sample ID: WC-SP-2-05**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.1	9045D
Temperature	c		20.9	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.61	EPA 6010D
Lead	mg/l	0.050	0.92	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	63	120	EPA 8015D
Benzo[a]anthracene	mg/kg	0.10	0.20	EPA 8270E
Benzo[a]pyrene	mg/kg	0.10	0.19	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.10	0.27	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.10	0.14	EPA 8270E
Chrysene	mg/kg	0.10	0.19	EPA 8270E
Fluoranthene	mg/kg	0.10	0.39	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.10	0.12	EPA 8270E
Phenanthrene	mg/kg	0.10	0.23	EPA 8270E
Pyrene	mg/kg	0.10	0.37	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

Lab#: AD33983-012 **Sample ID: WC-SP-2-06**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.5	9045D
Temperature	c		21.4	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.53	EPA 6010D
Lead	mg/l	0.050	8.4	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	63	67	EPA 8015D
Anthracene	mg/kg	0.035	0.065	EPA 8270E
Benzo[a]anthracene	mg/kg	0.035	0.25	EPA 8270E
Benzo[a]pyrene	mg/kg	0.035	0.25	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.035	0.38	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.035	0.13	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.035	0.097	EPA 8270E
Chrysene	mg/kg	0.035	0.24	EPA 8270E
Dibenzo[a,h]anthracene	mg/kg	0.035	0.039	EPA 8270E
Fluoranthene	mg/kg	0.035	0.42	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.035	0.13	EPA 8270E
Naphthalene	mg/kg	0.0088	0.010	EPA 8270E
Phenanthrene	mg/kg	0.035	0.24	EPA 8270E
Pyrene	mg/kg	0.035	0.42	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc.

HC Project #: 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-014 **Sample ID: WC-SP-2-07**

Analyte	Units	RL	Result	Analytical Method
pH	ph		7.8	9045D
Temperature	c		20.7	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.43	EPA 6010D
Lead	mg/l	0.050	0.26	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	330	1300	EPA 8015D
Acenaphthene	mg/kg	0.11	0.19	EPA 8270E
Anthracene	mg/kg	0.11	0.55	EPA 8270E
Benzo[a]anthracene	mg/kg	0.11	2.1	EPA 8270E
Benzo[a]pyrene	mg/kg	0.11	2.0	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.11	2.8	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.11	1.3	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.11	0.82	EPA 8270E
Chrysene	mg/kg	0.11	2.0	EPA 8270E
Dibenzo[a,h]anthracene	mg/kg	0.11	0.35	EPA 8270E
Fluoranthene	mg/kg	0.11	4.0	EPA 8270E
Fluorene	mg/kg	0.11	0.14	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.11	1.1	EPA 8270E
Naphthalene	mg/kg	0.027	0.039	EPA 8270E
Phenanthrene	mg/kg	0.11	2.2	EPA 8270E
Pyrene	mg/kg	0.11	3.9	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc.

HC Project #: 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-016 **Sample ID: WC-SP-2-08**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.1	9045D
Temperature	c		21.1	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.64	EPA 6010D
Lead	mg/l	0.050	0.34	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	65	240	EPA 8015D
Acenaphthene	mg/kg	0.18	0.31	EPA 8270E
Acenaphthylene	mg/kg	0.18	0.40	EPA 8270E
Anthracene	mg/kg	0.18	1.9	EPA 8270E
Benzo[a]anthracene	mg/kg	0.18	4.8	EPA 8270E
Benzo[a]pyrene	mg/kg	0.18	4.2	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.18	5.4	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.18	2.1	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.18	1.8	EPA 8270E
Chrysene	mg/kg	0.18	4.6	EPA 8270E
Dibenzo[a,h]anthracene	mg/kg	0.18	0.65	EPA 8270E
Fluoranthene	mg/kg	0.18	9.9	EPA 8270E
Fluorene	mg/kg	0.18	0.48	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.18	2.1	EPA 8270E
Phenanthrene	mg/kg	0.18	6.1	EPA 8270E
Pyrene	mg/kg	0.18	9.1	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

Lab#: AD33983-018 **Sample ID: WC-SP-2-09**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.3	9045D
Temperature	c		20.9	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.59	EPA 6010D
Lead	mg/l	0.050	0.14	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	65	150	EPA 8015D
Anthracene	mg/kg	0.036	0.045	EPA 8270E
Benzo[a]anthracene	mg/kg	0.036	0.19	EPA 8270E
Benzo[a]pyrene	mg/kg	0.036	0.19	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.036	0.28	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.036	0.10	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.036	0.066	EPA 8270E
Chrysene	mg/kg	0.036	0.18	EPA 8270E
Fluoranthene	mg/kg	0.036	0.34	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.036	0.089	EPA 8270E
Phenanthrene	mg/kg	0.036	0.18	EPA 8270E
Pyrene	mg/kg	0.036	0.35	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc.

HC Project #: 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-020 **Sample ID: WC-SP-2-10**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.0	9045D
Temperature	c		21.0	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.47	EPA 6010D
Lead	mg/l	0.050	0.25	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	63	210	EPA 8015D
Anthracene	mg/kg	0.10	0.11	EPA 8270E
Benzo[a]anthracene	mg/kg	0.10	0.44	EPA 8270E
Benzo[a]pyrene	mg/kg	0.10	0.47	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.10	0.56	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.10	0.32	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.10	0.22	EPA 8270E
Chrysene	mg/kg	0.10	0.42	EPA 8270E
Fluoranthene	mg/kg	0.10	0.78	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.10	0.26	EPA 8270E
Phenanthrene	mg/kg	0.10	0.46	EPA 8270E
Pyrene	mg/kg	0.10	0.76	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

Lab#: AD33983-022 **Sample ID: WC-SW-03**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.2	9045D
Temperature	c		20.7	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.72	EPA 6010D
Lead	mg/l	0.050	0.16	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	67	92	EPA 8015D
Aroclor (Total)	mg/kg	0.028	0.18	EPA 8082A
Aroclor-1254	mg/kg	0.028	0.18	EPA 8082A
Acenaphthene	mg/kg	0.037	0.088	EPA 8270E
Acenaphthylene	mg/kg	0.037	0.059	EPA 8270E
Anthracene	mg/kg	0.037	0.24	EPA 8270E
Benzo[a]anthracene	mg/kg	0.037	0.94	EPA 8270E
Benzo[a]pyrene	mg/kg	0.037	0.93	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.037	1.3	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.037	0.46	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.037	0.44	EPA 8270E
Chrysene	mg/kg	0.037	0.93	EPA 8270E
Dibenzo[a,h]anthracene	mg/kg	0.037	0.14	EPA 8270E
Fluoranthene	mg/kg	0.037	1.7	EPA 8270E
Fluorene	mg/kg	0.037	0.064	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.037	0.44	EPA 8270E
Naphthalene	mg/kg	0.0094	0.012	EPA 8270E
Phenanthrene	mg/kg	0.037	0.84	EPA 8270E
Pyrene	mg/kg	0.037	1.6	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc.

HC Project #: 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-024 **Sample ID: WC-SW-01**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.2	9045D
Temperature	c		21.1	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.83	EPA 6010D
Lead	mg/l	0.050	0.12	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	67	92	EPA 8015D
Aroclor (Total)	mg/kg	0.028	0.29	EPA 8082A
Aroclor-1254	mg/kg	0.028	0.20	EPA 8082A
Aroclor-1262	mg/kg	0.028	0.086	EPA 8082A
Acenaphthene	mg/kg	0.037	0.10	EPA 8270E
Acenaphthylene	mg/kg	0.037	0.047	EPA 8270E
Anthracene	mg/kg	0.037	0.25	EPA 8270E
Benzo[a]anthracene	mg/kg	0.037	0.94	EPA 8270E
Benzo[a]pyrene	mg/kg	0.037	0.93	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.037	1.2	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.037	0.63	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.037	0.47	EPA 8270E
Chrysene	mg/kg	0.037	0.94	EPA 8270E
Dibenzo[a,h]anthracene	mg/kg	0.037	0.15	EPA 8270E
Fluoranthene	mg/kg	0.037	1.6	EPA 8270E
Fluorene	mg/kg	0.037	0.077	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.037	0.58	EPA 8270E
Naphthalene	mg/kg	0.0094	0.015	EPA 8270E
Phenanthrene	mg/kg	0.037	0.92	EPA 8270E
Pyrene	mg/kg	0.037	1.6	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc.

HC Project #: 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-026 **Sample ID: WC-SW-02**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.0	9045D
Temperature	c		20.7	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.84	EPA 6010D
Lead	mg/l	0.050	0.12	EPA 6010D
Aroclor (Total)	mg/kg	0.027	0.20	EPA 8082A
Aroclor-1254	mg/kg	0.027	0.14	EPA 8082A
Aroclor-1262	mg/kg	0.027	0.056	EPA 8082A
Anthracene	mg/kg	0.036	0.039	EPA 8270E
Benzo[a]anthracene	mg/kg	0.036	0.18	EPA 8270E
Benzo[a]pyrene	mg/kg	0.036	0.19	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.036	0.27	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.036	0.098	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.036	0.10	EPA 8270E
Chrysene	mg/kg	0.036	0.17	EPA 8270E
Fluoranthene	mg/kg	0.036	0.29	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.036	0.093	EPA 8270E
Phenanthrene	mg/kg	0.036	0.12	EPA 8270E
Pyrene	mg/kg	0.036	0.28	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

Lab#: AD33983-028 **Sample ID: WC-SW-04**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.5	9045D
Temperature	c		20.9	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.55	EPA 6010D
Lead	mg/l	0.050	0.089	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	65	96	EPA 8015D
Aroclor (Total)	mg/kg	0.027	0.052	EPA 8082A
Aroclor-1262	mg/kg	0.027	0.052	EPA 8082A
Benzo[a]anthracene	mg/kg	0.11	0.44	EPA 8270E
Benzo[a]pyrene	mg/kg	0.11	0.53	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.11	0.75	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.11	0.40	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.11	0.17	EPA 8270E
Chrysene	mg/kg	0.11	0.47	EPA 8270E
Fluoranthene	mg/kg	0.11	0.84	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.11	0.36	EPA 8270E
Phenanthrene	mg/kg	0.11	0.43	EPA 8270E
Pyrene	mg/kg	0.11	0.80	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Executive Summary

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-030 **Sample ID: WC-SW-05**

Analyte	Units	RL	Result	Analytical Method
pH	ph		8.4	9045D
Temperature	c		20.8	9045D
Burning Rate (mm/sec)			NA	EPA 1030
Flame Propagation (POS/NEG)			NEG	EPA 1030
Ignitability (POS/NEG)			NEG	EPA 1030
Barium	mg/l	0.25	0.87	EPA 6010D
Lead	mg/l	0.050	0.11	EPA 6010D
Total Petroleum Hydrocarbons	mg/kg	67	110	EPA 8015D
Aroclor (Total)	mg/kg	0.028	0.064	EPA 8082A
Aroclor-1254	mg/kg	0.028	0.064	EPA 8082A
Acenaphthene	mg/kg	0.037	0.13	EPA 8270E
Acenaphthylene	mg/kg	0.037	0.074	EPA 8270E
Anthracene	mg/kg	0.037	0.30	EPA 8270E
Benzo[a]anthracene	mg/kg	0.037	0.95	EPA 8270E
Benzo[a]pyrene	mg/kg	0.037	0.87	EPA 8270E
Benzo[b]fluoranthene	mg/kg	0.037	1.2	EPA 8270E
Benzo[g,h,i]perylene	mg/kg	0.037	0.39	EPA 8270E
Benzo[k]fluoranthene	mg/kg	0.037	0.38	EPA 8270E
Chrysene	mg/kg	0.037	0.94	EPA 8270E
Dibenzo[a,h]anthracene	mg/kg	0.037	0.13	EPA 8270E
Fluoranthene	mg/kg	0.037	1.9	EPA 8270E
Fluorene	mg/kg	0.037	0.11	EPA 8270E
Indeno[1,2,3-cd]pyrene	mg/kg	0.037	0.39	EPA 8270E
Naphthalene	mg/kg	0.0094	0.026	EPA 8270E
Phenanthrene	mg/kg	0.037	1.4	EPA 8270E
Pyrene	mg/kg	0.037	1.8	EPA 8270E
Paint Filter Test			NEG	EPA 9095B

HC Report of Analysis

Client: WSP USA, Inc.
HC Project #: 2101904
Project: HD161E-GatewayEstates

Sample ID: SP-2-01
Lab#: AD33983-001
Matrix: Soil
Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.916	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.916	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.916	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.916	mg/kg	0.0020	ND
1,1-Dichloroethane	0.916	mg/kg	0.0020	ND
1,1-Dichloroethene	0.916	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.916	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.916	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.916	mg/kg	0.0020	ND
1,2-Dibromoethane	0.916	mg/kg	0.00064	ND
1,2-Dichlorobenzene	0.916	mg/kg	0.0020	ND
1,2-Dichloroethane	0.916	mg/kg	0.0020	ND
1,2-Dichloropropane	0.916	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.916	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.916	mg/kg	0.0020	ND
1,4-Dioxane	0.916	mg/kg	0.098	ND
2-Butanone	0.916	mg/kg	0.0020	ND
2-Hexanone	0.916	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.916	mg/kg	0.0020	ND
Acetone	0.916	mg/kg	0.0098	ND
Benzene	0.916	mg/kg	0.00098	ND
Bromochloromethane	0.916	mg/kg	0.0020	ND
Bromodichloromethane	0.916	mg/kg	0.0020	ND
Bromoform	0.916	mg/kg	0.0020	ND
Bromomethane	0.916	mg/kg	0.0020	ND
Carbon disulfide	0.916	mg/kg	0.0020	ND
Carbon tetrachloride	0.916	mg/kg	0.0020	ND
Chlorobenzene	0.916	mg/kg	0.0020	ND
Chloroethane	0.916	mg/kg	0.0020	ND
Chloroform	0.916	mg/kg	0.0020	ND
Chloromethane	0.916	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.916	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.916	mg/kg	0.0020	ND
Cyclohexane	0.916	mg/kg	0.0020	ND
Dibromochloromethane	0.916	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.916	mg/kg	0.0020	ND
Ethylbenzene	0.916	mg/kg	0.00098	ND
Isopropylbenzene	0.916	mg/kg	0.00098	ND
m&p-Xylenes	0.916	mg/kg	0.0014	ND
Methyl Acetate	0.916	mg/kg	0.0020	ND
Methylcyclohexane	0.916	mg/kg	0.0020	ND
Methylene chloride	0.916	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.916	mg/kg	0.00098	ND
o-Xylene	0.916	mg/kg	0.00098	ND

Sample ID: SP-2-01 **Collection Date:** 10/18/2022
Lab#: AD33983-001 **Receipt Date:** 10/18/2022
Matrix: Soil

Styrene	0.916	mg/kg	0.0020	ND
t-Butyl Alcohol	0.916	mg/kg	0.0098	ND
Tetrachloroethene	0.916	mg/kg	0.0020	ND
Toluene	0.916	mg/kg	0.00098	ND
trans-1,2-Dichloroethene	0.916	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.916	mg/kg	0.0020	ND
Trichloroethene	0.916	mg/kg	0.0020	ND
Trichlorofluoromethane	0.916	mg/kg	0.0020	ND
Vinyl chloride	0.916	mg/kg	0.0020	ND
Xylenes (Total)	0.916	mg/kg	0.00098	ND

Sample ID: WC-SP-2-01 | **Collection Date:** 10/18/2022
Lab#: AD33983-002 | **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		94

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	96	mg/kg	26	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.11	ND
Acenaphthene	3	mg/kg	0.11	ND
Acenaphthylene	3	mg/kg	0.11	ND
Anthracene	3	mg/kg	0.11	0.15
Benzo[a]anthracene	3	mg/kg	0.11	0.53
Benzo[a]pyrene	3	mg/kg	0.11	0.53
Benzo[b]fluoranthene	3	mg/kg	0.11	0.77
Benzo[g,h,i]perylene	3	mg/kg	0.11	0.26
Benzo[k]fluoranthene	3	mg/kg	0.11	0.26
Chrysene	3	mg/kg	0.11	0.56
Dibenzo[a,h]anthracene	3	mg/kg	0.11	ND
Fluoranthene	3	mg/kg	0.11	1.1
Fluorene	3	mg/kg	0.11	ND
Indeno[1,2,3-cd]pyrene	3	mg/kg	0.11	0.25
Naphthalene	3	mg/kg	0.027	ND
Phenanthrene	3	mg/kg	0.11	0.64
Pyrene	3	mg/kg	0.11	1.0

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-01 | **Collection Date:** 10/18/2022
Lab#: AD33983-002 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph		8.5
Temperature	1	c		21.2

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.72**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.26**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**64**	**110**

Sample ID: SP-2-02
Lab#: AD33983-003
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		95

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.975	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.975	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.975	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.975	mg/kg	0.0021	ND
1,1-Dichloroethane	0.975	mg/kg	0.0021	ND
1,1-Dichloroethene	0.975	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.975	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.975	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.975	mg/kg	0.0021	ND
1,2-Dibromoethane	0.975	mg/kg	0.00067	ND
1,2-Dichlorobenzene	0.975	mg/kg	0.0021	ND
1,2-Dichloroethane	0.975	mg/kg	0.0021	ND
1,2-Dichloropropane	0.975	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.975	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.975	mg/kg	0.0021	ND
1,4-Dioxane	0.975	mg/kg	0.10	ND
2-Butanone	0.975	mg/kg	0.0021	ND
2-Hexanone	0.975	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.975	mg/kg	0.0021	ND
Acetone	0.975	mg/kg	0.010	ND
Benzene	0.975	mg/kg	0.0010	ND
Bromochloromethane	0.975	mg/kg	0.0021	ND
Bromodichloromethane	0.975	mg/kg	0.0021	ND
Bromoform	0.975	mg/kg	0.0021	ND
Bromomethane	0.975	mg/kg	0.0021	ND
Carbon disulfide	0.975	mg/kg	0.0021	ND
Carbon tetrachloride	0.975	mg/kg	0.0021	ND
Chlorobenzene	0.975	mg/kg	0.0021	ND
Chloroethane	0.975	mg/kg	0.0021	ND
Chloroform	0.975	mg/kg	0.0021	ND
Chloromethane	0.975	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.975	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.975	mg/kg	0.0021	ND
Cyclohexane	0.975	mg/kg	0.0021	ND
Dibromochloromethane	0.975	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.975	mg/kg	0.0021	ND
Ethylbenzene	0.975	mg/kg	0.0010	ND
Isopropylbenzene	0.975	mg/kg	0.0010	ND
m&p-Xylenes	0.975	mg/kg	0.0015	ND
Methyl Acetate	0.975	mg/kg	0.0021	ND
Methylcyclohexane	0.975	mg/kg	0.0021	ND
Methylene chloride	0.975	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.975	mg/kg	0.0010	ND
o-Xylene	0.975	mg/kg	0.0010	ND
Styrene	0.975	mg/kg	0.0021	ND
t-Butyl Alcohol	0.975	mg/kg	0.010	ND
Tetrachloroethene	0.975	mg/kg	0.0021	ND
Toluene	0.975	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.975	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.975	mg/kg	0.0021	ND

Sample ID:	**SP-2-02**
Lab#:	**AD33983-003**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	0.975	mg/kg	0.0021	ND
Trichlorofluoromethane	0.975	mg/kg	0.0021	ND
Vinyl chloride	0.975	mg/kg	0.0021	ND
Xylenes (Total)	0.975	mg/kg	0.0010	ND

Sample ID: WC-SP-2-02 | **Collection Date:** 10/18/2022
Lab#: AD33983-004 | **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		95

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	92.3	mg/kg	24	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.11	ND
Acenaphthene	3	mg/kg	0.11	ND
Acenaphthylene	3	mg/kg	0.11	ND
Anthracene	3	mg/kg	0.11	ND
Benzo[a]anthracene	**3**	**mg/kg**	**0.11**	**0.42**
Benzo[a]pyrene	**3**	**mg/kg**	**0.11**	**0.39**
Benzo[b]fluoranthene	**3**	**mg/kg**	**0.11**	**0.54**
Benzo[g,h,i]perylene	**3**	**mg/kg**	**0.11**	**0.19**
Benzo[k]fluoranthene	**3**	**mg/kg**	**0.11**	**0.20**
Chrysene	**3**	**mg/kg**	**0.11**	**0.39**
Dibenzo[a,h]anthracene	3	mg/kg	0.11	ND
Fluoranthene	**3**	**mg/kg**	**0.11**	**0.77**
Fluorene	3	mg/kg	0.11	ND
Indeno[1,2,3-cd]pyrene	**3**	**mg/kg**	**0.11**	**0.17**
Naphthalene	3	mg/kg	0.026	ND
Phenanthrene	**3**	**mg/kg**	**0.11**	**0.47**
Pyrene	**3**	**mg/kg**	**0.11**	**0.76**

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-02 | **Collection Date:** 10/18/2022
Lab#: AD33983-004 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph	8.8
Temperature	1	c	21.2

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.54**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**6.9**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**63**	**110**

Sample ID: SP-2-03
Lab#: AD33983-005
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		97

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.992	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.992	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.992	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.992	mg/kg	0.0020	ND
1,1-Dichloroethane	0.992	mg/kg	0.0020	ND
1,1-Dichloroethene	0.992	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.992	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.992	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.992	mg/kg	0.0020	ND
1,2-Dibromoethane	0.992	mg/kg	0.00066	ND
1,2-Dichlorobenzene	0.992	mg/kg	0.0020	ND
1,2-Dichloroethane	0.992	mg/kg	0.0020	ND
1,2-Dichloropropane	0.992	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.992	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.992	mg/kg	0.0020	ND
1,4-Dioxane	0.992	mg/kg	0.10	ND
2-Butanone	0.992	mg/kg	0.0020	ND
2-Hexanone	0.992	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.992	mg/kg	0.0020	ND
Acetone	0.992	mg/kg	0.010	ND
Benzene	0.992	mg/kg	0.0010	ND
Bromochloromethane	0.992	mg/kg	0.0020	ND
Bromodichloromethane	0.992	mg/kg	0.0020	ND
Bromoform	0.992	mg/kg	0.0020	ND
Bromomethane	0.992	mg/kg	0.0020	ND
Carbon disulfide	0.992	mg/kg	0.0020	ND
Carbon tetrachloride	0.992	mg/kg	0.0020	ND
Chlorobenzene	0.992	mg/kg	0.0020	ND
Chloroethane	0.992	mg/kg	0.0020	ND
Chloroform	0.992	mg/kg	0.0020	ND
Chloromethane	0.992	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.992	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.992	mg/kg	0.0020	ND
Cyclohexane	0.992	mg/kg	0.0020	ND
Dibromochloromethane	0.992	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.992	mg/kg	0.0020	ND
Ethylbenzene	0.992	mg/kg	0.0010	ND
Isopropylbenzene	0.992	mg/kg	0.0010	ND
m&p-Xylenes	0.992	mg/kg	0.0015	ND
Methyl Acetate	0.992	mg/kg	0.0020	ND
Methylcyclohexane	0.992	mg/kg	0.0020	ND
Methylene chloride	0.992	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.992	mg/kg	0.0010	ND
o-Xylene	0.992	mg/kg	0.0010	ND
Styrene	0.992	mg/kg	0.0020	ND
t-Butyl Alcohol	0.992	mg/kg	0.010	ND
Tetrachloroethene	0.992	mg/kg	0.0020	ND
Toluene	0.992	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.992	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.992	mg/kg	0.0020	ND

NOTE: Soil Results are reported on a Dry Weight Basis

Sample ID:	**SP-2-03**
Lab#:	**AD33983-005**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	0.992	mg/kg	0.0020	ND
Trichlorofluoromethane	0.992	mg/kg	0.0020	ND
Vinyl chloride	0.992	mg/kg	0.0020	ND
Xylenes (Total)	0.992	mg/kg	0.0010	ND

Sample ID: WC-SP-2-03
Lab#: AD33983-006
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		96

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	94.3	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.10	ND
Acenaphthene	3	mg/kg	0.10	ND
Acenaphthylene	3	mg/kg	0.10	ND
Anthracene	3	mg/kg	0.10	ND
Benzo[a]anthracene	**3**	**mg/kg**	**0.10**	**0.17**
Benzo[a]pyrene	**3**	**mg/kg**	**0.10**	**0.17**
Benzo[b]fluoranthene	**3**	**mg/kg**	**0.10**	**0.22**
Benzo[g,h,i]perylene	3	mg/kg	0.10	ND
Benzo[k]fluoranthene	3	mg/kg	0.10	ND
Chrysene	**3**	**mg/kg**	**0.10**	**0.15**
Dibenzo[a,h]anthracene	3	mg/kg	0.10	ND
Fluoranthene	**3**	**mg/kg**	**0.10**	**0.29**
Fluorene	3	mg/kg	0.10	ND
Indeno[1,2,3-cd]pyrene	3	mg/kg	0.10	ND
Naphthalene	3	mg/kg	0.026	ND
Phenanthrene	**3**	**mg/kg**	**0.10**	**0.15**
Pyrene	**3**	**mg/kg**	**0.10**	**0.29**

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-03 | **Collection Date:** 10/18/2022
Lab#: AD33983-006 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph		8.1
Temperature	1	c		21.0

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.39**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.17**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**63**	**120**

Sample ID: SP-2-04 **Collection Date:** 10/18/2022
Lab#: AD33983-007 **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		94

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.88	mg/kg	0.0019	ND
1,1,2,2-Tetrachloroethane	0.88	mg/kg	0.0019	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.88	mg/kg	0.0019	ND
1,1,2-Trichloroethane	0.88	mg/kg	0.0019	ND
1,1-Dichloroethane	0.88	mg/kg	0.0019	ND
1,1-Dichloroethene	0.88	mg/kg	0.0019	ND
1,2,3-Trichlorobenzene	0.88	mg/kg	0.0019	ND
1,2,4-Trichlorobenzene	0.88	mg/kg	0.0019	ND
1,2-Dibromo-3-chloropropane	0.88	mg/kg	0.0019	ND
1,2-Dibromoethane	0.88	mg/kg	0.00061	ND
1,2-Dichlorobenzene	0.88	mg/kg	0.0019	ND
1,2-Dichloroethane	0.88	mg/kg	0.0019	ND
1,2-Dichloropropane	0.88	mg/kg	0.0019	ND
1,3-Dichlorobenzene	0.88	mg/kg	0.0019	ND
1,4-Dichlorobenzene	0.88	mg/kg	0.0019	ND
1,4-Dioxane	0.88	mg/kg	0.094	ND
2-Butanone	0.88	mg/kg	0.0019	ND
2-Hexanone	0.88	mg/kg	0.0019	ND
4-Methyl-2-pentanone	0.88	mg/kg	0.0019	ND
Acetone	0.88	mg/kg	0.0094	ND
Benzene	0.88	mg/kg	0.00094	ND
Bromochloromethane	0.88	mg/kg	0.0019	ND
Bromodichloromethane	0.88	mg/kg	0.0019	ND
Bromoform	0.88	mg/kg	0.0019	ND
Bromomethane	0.88	mg/kg	0.0019	ND
Carbon disulfide	0.88	mg/kg	0.0019	ND
Carbon tetrachloride	0.88	mg/kg	0.0019	ND
Chlorobenzene	0.88	mg/kg	0.0019	ND
Chloroethane	0.88	mg/kg	0.0019	ND
Chloroform	0.88	mg/kg	0.0019	ND
Chloromethane	0.88	mg/kg	0.0019	ND
cis-1,2-Dichloroethene	0.88	mg/kg	0.0019	ND
cis-1,3-Dichloropropene	0.88	mg/kg	0.0019	ND
Cyclohexane	0.88	mg/kg	0.0019	ND
Dibromochloromethane	0.88	mg/kg	0.0019	ND
Dichlorodifluoromethane	0.88	mg/kg	0.0019	ND
Ethylbenzene	0.88	mg/kg	0.00094	ND
Isopropylbenzene	0.88	mg/kg	0.00094	ND
m&p-Xylenes	0.88	mg/kg	0.0014	ND
Methyl Acetate	0.88	mg/kg	0.0019	ND
Methylcyclohexane	0.88	mg/kg	0.0019	ND
Methylene chloride	0.88	mg/kg	0.0019	ND
Methyl-t-butyl ether	0.88	mg/kg	0.00094	ND
o-Xylene	0.88	mg/kg	0.00094	ND
Styrene	0.88	mg/kg	0.0019	ND
t-Butyl Alcohol	0.88	mg/kg	0.0094	ND
Tetrachloroethene	0.88	mg/kg	0.0019	ND
Toluene	0.88	mg/kg	0.00094	ND
trans-1,2-Dichloroethene	0.88	mg/kg	0.0019	ND
trans-1,3-Dichloropropene	0.88	mg/kg	0.0019	ND

Sample ID:	**SP-2-04**			**Collection Date:**	**10/18/2022**
Lab#:	**AD33983-007**			**Receipt Date:**	**10/18/2022**
Matrix:	**Soil**				
Trichloroethene	0.88	mg/kg	0.0019	ND	
Trichlorofluoromethane	0.88	mg/kg	0.0019	ND	
Vinyl chloride	0.88	mg/kg	0.0019	ND	
Xylenes (Total)	0.88	mg/kg	0.00094	ND	

Sample ID: WC-SP-2-04
Lab#: AD33983-008
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		95

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	95.6	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.11	ND
Acenaphthene	3	mg/kg	0.11	ND
Acenaphthylene	3	mg/kg	0.11	ND
Anthracene	3	mg/kg	0.11	0.15
Benzo[a]anthracene	3	mg/kg	0.11	0.45
Benzo[a]pyrene	3	mg/kg	0.11	0.36
Benzo[b]fluoranthene	3	mg/kg	0.11	0.49
Benzo[g,h,i]perylene	3	mg/kg	0.11	0.16
Benzo[k]fluoranthene	3	mg/kg	0.11	0.18
Chrysene	3	mg/kg	0.11	0.44
Dibenzo[a,h]anthracene	3	mg/kg	0.11	ND
Fluoranthene	3	mg/kg	0.11	0.76
Fluorene	3	mg/kg	0.11	ND
Indeno[1,2,3-cd]pyrene	3	mg/kg	0.11	0.15
Naphthalene	3	mg/kg	0.026	ND
Phenanthrene	3	mg/kg	0.11	0.68
Pyrene	3	mg/kg	0.11	0.95

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-04
Lab#: AD33983-008
Matrix: Soil
Collection Date: 10/18/2022
Receipt Date: 10/18/2022

pH	1	ph	8.0
Temperature	1	c	21.2

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.52**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.12**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**63**	**100**

Sample ID: SP-2-05
Lab#: AD33983-009
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		96

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.947	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.947	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.947	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.947	mg/kg	0.0020	ND
1,1-Dichloroethane	0.947	mg/kg	0.0020	ND
1,1-Dichloroethene	0.947	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.947	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.947	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.947	mg/kg	0.0020	ND
1,2-Dibromoethane	0.947	mg/kg	0.00064	ND
1,2-Dichlorobenzene	0.947	mg/kg	0.0020	ND
1,2-Dichloroethane	0.947	mg/kg	0.0020	ND
1,2-Dichloropropane	0.947	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.947	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.947	mg/kg	0.0020	ND
1,4-Dioxane	0.947	mg/kg	0.099	ND
2-Butanone	0.947	mg/kg	0.0020	ND
2-Hexanone	0.947	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.947	mg/kg	0.0020	ND
Acetone	0.947	mg/kg	0.0099	ND
Benzene	0.947	mg/kg	0.00099	ND
Bromochloromethane	0.947	mg/kg	0.0020	ND
Bromodichloromethane	0.947	mg/kg	0.0020	ND
Bromoform	0.947	mg/kg	0.0020	ND
Bromomethane	0.947	mg/kg	0.0020	ND
Carbon disulfide	0.947	mg/kg	0.0020	ND
Carbon tetrachloride	0.947	mg/kg	0.0020	ND
Chlorobenzene	0.947	mg/kg	0.0020	ND
Chloroethane	0.947	mg/kg	0.0020	ND
Chloroform	0.947	mg/kg	0.0020	ND
Chloromethane	0.947	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.947	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.947	mg/kg	0.0020	ND
Cyclohexane	0.947	mg/kg	0.0020	ND
Dibromochloromethane	0.947	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.947	mg/kg	0.0020	ND
Ethylbenzene	0.947	mg/kg	0.00099	ND
Isopropylbenzene	0.947	mg/kg	0.00099	ND
m&p-Xylenes	0.947	mg/kg	0.0014	ND
Methyl Acetate	0.947	mg/kg	0.0020	ND
Methylcyclohexane	0.947	mg/kg	0.0020	ND
Methylene chloride	0.947	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.947	mg/kg	0.00099	ND
o-Xylene	0.947	mg/kg	0.00099	ND
Styrene	0.947	mg/kg	0.0020	ND
t-Butyl Alcohol	0.947	mg/kg	0.0099	ND
Tetrachloroethene	0.947	mg/kg	0.0020	ND
Toluene	0.947	mg/kg	0.00099	ND
trans-1,2-Dichloroethene	0.947	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.947	mg/kg	0.0020	ND

NOTE: Soil samples are reported on a dry weight basis

Sample ID:	**SP-2-05**			**Collection Date:**	**10/18/2022**
Lab#:	**AD33983-009**			**Receipt Date:**	**10/18/2022**
Matrix:	**Soil**				
Trichloroethene	0.947	mg/kg	0.0020	ND	
Trichlorofluoromethane	0.947	mg/kg	0.0020	ND	
Vinyl chloride	0.947	mg/kg	0.0020	ND	
Xylenes (Total)	0.947	mg/kg	0.00099	ND	

NOTE: Sample results reported on a dry weight basis

Sample ID: WC-SP-2-05
Lab#: AD33983-010
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		96

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	94.9	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.10	ND
Acenaphthene	3	mg/kg	0.10	ND
Acenaphthylene	3	mg/kg	0.10	ND
Anthracene	3	mg/kg	0.10	ND
Benzo[a]anthracene	**3**	**mg/kg**	**0.10**	**0.20**
Benzo[a]pyrene	**3**	**mg/kg**	**0.10**	**0.19**
Benzo[b]fluoranthene	**3**	**mg/kg**	**0.10**	**0.27**
Benzo[g,h,i]perylene	**3**	**mg/kg**	**0.10**	**0.14**
Benzo[k]fluoranthene	3	mg/kg	0.10	ND
Chrysene	**3**	**mg/kg**	**0.10**	**0.19**
Dibenzo[a,h]anthracene	3	mg/kg	0.10	ND
Fluoranthene	**3**	**mg/kg**	**0.10**	**0.39**
Fluorene	3	mg/kg	0.10	ND
Indeno[1,2,3-cd]pyrene	**3**	**mg/kg**	**0.10**	**0.12**
Naphthalene	3	mg/kg	0.026	ND
Phenanthrene	**3**	**mg/kg**	**0.10**	**0.23**
Pyrene	**3**	**mg/kg**	**0.10**	**0.37**

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-05 | **Collection Date:** 10/18/2022
Lab#: AD33983-010 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph	8.1
Temperature	1	c	20.9

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.61**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.92**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**63**	**120**

Sample ID: SP-2-06 **Collection Date:** 10/18/2022
Lab#: AD33983-011 **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.967	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.967	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.967	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.967	mg/kg	0.0021	ND
1,1-Dichloroethane	0.967	mg/kg	0.0021	ND
1,1-Dichloroethene	0.967	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.967	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.967	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.967	mg/kg	0.0021	ND
1,2-Dibromoethane	0.967	mg/kg	0.00068	ND
1,2-Dichlorobenzene	0.967	mg/kg	0.0021	ND
1,2-Dichloroethane	0.967	mg/kg	0.0021	ND
1,2-Dichloropropane	0.967	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.967	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.967	mg/kg	0.0021	ND
1,4-Dioxane	0.967	mg/kg	0.10	ND
2-Butanone	0.967	mg/kg	0.0021	ND
2-Hexanone	0.967	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.967	mg/kg	0.0021	ND
Acetone	0.967	mg/kg	0.010	ND
Benzene	0.967	mg/kg	0.0010	ND
Bromochloromethane	0.967	mg/kg	0.0021	ND
Bromodichloromethane	0.967	mg/kg	0.0021	ND
Bromoform	0.967	mg/kg	0.0021	ND
Bromomethane	0.967	mg/kg	0.0021	ND
Carbon disulfide	0.967	mg/kg	0.0021	ND
Carbon tetrachloride	0.967	mg/kg	0.0021	ND
Chlorobenzene	0.967	mg/kg	0.0021	ND
Chloroethane	0.967	mg/kg	0.0021	ND
Chloroform	0.967	mg/kg	0.0021	ND
Chloromethane	0.967	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.967	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.967	mg/kg	0.0021	ND
Cyclohexane	0.967	mg/kg	0.0021	ND
Dibromochloromethane	0.967	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.967	mg/kg	0.0021	ND
Ethylbenzene	0.967	mg/kg	0.0010	ND
Isopropylbenzene	0.967	mg/kg	0.0010	ND
m&p-Xylenes	0.967	mg/kg	0.0015	ND
Methyl Acetate	0.967	mg/kg	0.0021	ND
Methylcyclohexane	0.967	mg/kg	0.0021	ND
Methylene chloride	0.967	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.967	mg/kg	0.0010	ND
o-Xylene	0.967	mg/kg	0.0010	ND
Styrene	0.967	mg/kg	0.0021	ND
t-Butyl Alcohol	0.967	mg/kg	0.010	ND
Tetrachloroethene	0.967	mg/kg	0.0021	ND
Toluene	0.967	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.967	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.967	mg/kg	0.0021	ND

Sample ID:	**SP-2-06**
Lab#:	**AD33983-011**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	0.967	mg/kg	0.0021	ND
Trichlorofluoromethane	0.967	mg/kg	0.0021	ND
Vinyl chloride	0.967	mg/kg	0.0021	ND
Xylenes (Total)	0.967	mg/kg	0.0010	ND

Sample ID: WC-SP-2-06
Lab#: AD33983-012
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		95

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	93.5	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.035	ND
Acenaphthene	1	mg/kg	0.035	ND
Acenaphthylene	1	mg/kg	0.035	ND
Anthracene	1	mg/kg	0.035	0.065
Benzo[a]anthracene	1	mg/kg	0.035	0.25
Benzo[a]pyrene	1	mg/kg	0.035	0.25
Benzo[b]fluoranthene	1	mg/kg	0.035	0.38
Benzo[g,h,i]perylene	1	mg/kg	0.035	0.13
Benzo[k]fluoranthene	1	mg/kg	0.035	0.097
Chrysene	1	mg/kg	0.035	0.24
Dibenzo[a,h]anthracene	1	mg/kg	0.035	0.039
Fluoranthene	1	mg/kg	0.035	0.42
Fluorene	1	mg/kg	0.035	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.035	0.13
Naphthalene	1	mg/kg	0.0088	0.010
Phenanthrene	1	mg/kg	0.035	0.24
Pyrene	1	mg/kg	0.035	0.42

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-06 | **Collection Date:** 10/18/2022
Lab#: AD33983-012 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph	8.5
Temperature	1	c	21.4

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.53**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**8.4**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**63**	**67**

Sample ID: SP-2-07
Lab#: AD33983-013
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		91

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.929	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.929	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.929	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.929	mg/kg	0.0020	ND
1,1-Dichloroethane	0.929	mg/kg	0.0020	ND
1,1-Dichloroethene	0.929	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.929	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.929	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.929	mg/kg	0.0020	ND
1,2-Dibromoethane	0.929	mg/kg	0.00066	ND
1,2-Dichlorobenzene	0.929	mg/kg	0.0020	ND
1,2-Dichloroethane	0.929	mg/kg	0.0020	ND
1,2-Dichloropropane	0.929	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.929	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.929	mg/kg	0.0020	ND
1,4-Dioxane	0.929	mg/kg	0.10	ND
2-Butanone	0.929	mg/kg	0.0020	ND
2-Hexanone	0.929	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.929	mg/kg	0.0020	ND
Acetone	0.929	mg/kg	0.010	ND
Benzene	0.929	mg/kg	0.0010	ND
Bromochloromethane	0.929	mg/kg	0.0020	ND
Bromodichloromethane	0.929	mg/kg	0.0020	ND
Bromoform	0.929	mg/kg	0.0020	ND
Bromomethane	0.929	mg/kg	0.0020	ND
Carbon disulfide	0.929	mg/kg	0.0020	ND
Carbon tetrachloride	0.929	mg/kg	0.0020	ND
Chlorobenzene	0.929	mg/kg	0.0020	ND
Chloroethane	0.929	mg/kg	0.0020	ND
Chloroform	0.929	mg/kg	0.0020	ND
Chloromethane	0.929	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.929	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.929	mg/kg	0.0020	ND
Cyclohexane	0.929	mg/kg	0.0020	ND
Dibromochloromethane	0.929	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.929	mg/kg	0.0020	ND
Ethylbenzene	0.929	mg/kg	0.0010	ND
Isopropylbenzene	0.929	mg/kg	0.0010	ND
m&p-Xylenes	0.929	mg/kg	0.0015	ND
Methyl Acetate	0.929	mg/kg	0.0020	ND
Methylcyclohexane	0.929	mg/kg	0.0020	ND
Methylene chloride	0.929	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.929	mg/kg	0.0010	ND
o-Xylene	0.929	mg/kg	0.0010	ND
Styrene	0.929	mg/kg	0.0020	ND
t-Butyl Alcohol	0.929	mg/kg	0.010	ND
Tetrachloroethene	0.929	mg/kg	0.0020	ND
Toluene	0.929	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.929	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.929	mg/kg	0.0020	ND

NOTE: Soil results are reported on a dry weight basis.

Sample ID: SP-2-07 **Collection Date:** 10/18/2022
Lab#: AD33983-013 **Receipt Date:** 10/18/2022
Matrix: Soil

Trichloroethene	0.929	mg/kg	0.0020	ND
Trichlorofluoromethane	0.929	mg/kg	0.0020	ND
Vinyl chloride	0.929	mg/kg	0.0020	ND
Xylenes (Total)	0.929	mg/kg	0.0010	ND

Sample ID: WC-SP-2-07
Lab#: AD33983-014
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		91

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	93.8	mg/kg	26	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.11	ND
Acenaphthene	3	mg/kg	0.11	0.19
Acenaphthylene	3	mg/kg	0.11	ND
Anthracene	3	mg/kg	0.11	0.55
Benzo[a]anthracene	3	mg/kg	0.11	2.1
Benzo[a]pyrene	3	mg/kg	0.11	2.0
Benzo[b]fluoranthene	3	mg/kg	0.11	2.8
Benzo[g,h,i]perylene	3	mg/kg	0.11	1.3
Benzo[k]fluoranthene	3	mg/kg	0.11	0.82
Chrysene	3	mg/kg	0.11	2.0
Dibenzo[a,h]anthracene	3	mg/kg	0.11	0.35
Fluoranthene	3	mg/kg	0.11	4.0
Fluorene	3	mg/kg	0.11	0.14
Indeno[1,2,3-cd]pyrene	3	mg/kg	0.11	1.1
Naphthalene	3	mg/kg	0.027	0.039
Phenanthrene	3	mg/kg	0.11	2.2
Pyrene	3	mg/kg	0.11	3.9

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-07
Lab#: AD33983-014
Matrix: Soil
Collection Date: 10/18/2022
Receipt Date: 10/18/2022

pH	1	ph	7.8
Temperature	1	c	20.7

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.43**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.26**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**5**	**mg/kg**	**330**	**1300**

Sample ID: SP-2-08
Lab#: AD33983-015
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.867	mg/kg	0.0019	ND
1,1,2,2-Tetrachloroethane	0.867	mg/kg	0.0019	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.867	mg/kg	0.0019	ND
1,1,2-Trichloroethane	0.867	mg/kg	0.0019	ND
1,1-Dichloroethane	0.867	mg/kg	0.0019	ND
1,1-Dichloroethene	0.867	mg/kg	0.0019	ND
1,2,3-Trichlorobenzene	0.867	mg/kg	0.0019	ND
1,2,4-Trichlorobenzene	0.867	mg/kg	0.0019	ND
1,2-Dibromo-3-chloropropane	0.867	mg/kg	0.0019	ND
1,2-Dibromoethane	0.867	mg/kg	0.00061	ND
1,2-Dichlorobenzene	0.867	mg/kg	0.0019	ND
1,2-Dichloroethane	0.867	mg/kg	0.0019	ND
1,2-Dichloropropane	0.867	mg/kg	0.0019	ND
1,3-Dichlorobenzene	0.867	mg/kg	0.0019	ND
1,4-Dichlorobenzene	0.867	mg/kg	0.0019	ND
1,4-Dioxane	0.867	mg/kg	0.093	ND
2-Butanone	0.867	mg/kg	0.0019	ND
2-Hexanone	0.867	mg/kg	0.0019	ND
4-Methyl-2-pentanone	0.867	mg/kg	0.0019	ND
Acetone	0.867	mg/kg	0.0093	ND
Benzene	0.867	mg/kg	0.00093	ND
Bromochloromethane	0.867	mg/kg	0.0019	ND
Bromodichloromethane	0.867	mg/kg	0.0019	ND
Bromoform	0.867	mg/kg	0.0019	ND
Bromomethane	0.867	mg/kg	0.0019	ND
Carbon disulfide	0.867	mg/kg	0.0019	ND
Carbon tetrachloride	0.867	mg/kg	0.0019	ND
Chlorobenzene	0.867	mg/kg	0.0019	ND
Chloroethane	0.867	mg/kg	0.0019	ND
Chloroform	0.867	mg/kg	0.0019	ND
Chloromethane	0.867	mg/kg	0.0019	ND
cis-1,2-Dichloroethene	0.867	mg/kg	0.0019	ND
cis-1,3-Dichloropropene	0.867	mg/kg	0.0019	ND
Cyclohexane	0.867	mg/kg	0.0019	ND
Dibromochloromethane	0.867	mg/kg	0.0019	ND
Dichlorodifluoromethane	0.867	mg/kg	0.0019	ND
Ethylbenzene	0.867	mg/kg	0.00093	ND
Isopropylbenzene	0.867	mg/kg	0.00093	ND
m&p-Xylenes	0.867	mg/kg	0.0014	ND
Methyl Acetate	0.867	mg/kg	0.0019	ND
Methylcyclohexane	0.867	mg/kg	0.0019	ND
Methylene chloride	0.867	mg/kg	0.0019	ND
Methyl-t-butyl ether	0.867	mg/kg	0.00093	ND
o-Xylene	0.867	mg/kg	0.00093	ND
Styrene	0.867	mg/kg	0.0019	ND
t-Butyl Alcohol	0.867	mg/kg	0.0093	ND
Tetrachloroethene	0.867	mg/kg	0.0019	ND
Toluene	0.867	mg/kg	0.00093	ND
trans-1,2-Dichloroethene	0.867	mg/kg	0.0019	ND
trans-1,3-Dichloropropene	0.867	mg/kg	0.0019	ND

NOTE: Soil Results are reported On a Wet Weight Basis

Sample ID:	**SP-2-08**
Lab#:	**AD33983-015**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	0.867	mg/kg	0.0019	ND
Trichlorofluoromethane	0.867	mg/kg	0.0019	ND
Vinyl chloride	0.867	mg/kg	0.0019	ND
Xylenes (Total)	0.867	mg/kg	0.00093	ND

Sample ID: WC-SP-2-08
Lab#: AD33983-016
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	89.8	mg/kg	24	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	5	mg/kg	0.18	ND
Acenaphthene	5	mg/kg	0.18	0.31
Acenaphthylene	5	mg/kg	0.18	0.40
Anthracene	5	mg/kg	0.18	1.9
Benzo[a]anthracene	5	mg/kg	0.18	4.8
Benzo[a]pyrene	5	mg/kg	0.18	4.2
Benzo[b]fluoranthene	5	mg/kg	0.18	5.4
Benzo[g,h,i]perylene	5	mg/kg	0.18	2.1
Benzo[k]fluoranthene	5	mg/kg	0.18	1.8
Chrysene	5	mg/kg	0.18	4.6
Dibenzo[a,h]anthracene	5	mg/kg	0.18	0.65
Fluoranthene	5	mg/kg	0.18	9.9
Fluorene	5	mg/kg	0.18	0.48
Indeno[1,2,3-cd]pyrene	5	mg/kg	0.18	2.1
Naphthalene	5	mg/kg	0.045	ND
Phenanthrene	5	mg/kg	0.18	6.1
Pyrene	5	mg/kg	0.18	9.1

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-08 | **Collection Date:** 10/18/2022
Lab#: AD33983-016 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph	8.1
Temperature	1	c	21.1

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.64**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.34**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**65**	**240**

Sample ID: SP-2-09
Lab#: AD33983-017
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		94

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.992	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.992	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.992	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.992	mg/kg	0.0021	ND
1,1-Dichloroethane	0.992	mg/kg	0.0021	ND
1,1-Dichloroethene	0.992	mg/kg	0.0021	ND
1,2,3-Trichlorobenzene	0.992	mg/kg	0.0021	ND
1,2,4-Trichlorobenzene	0.992	mg/kg	0.0021	ND
1,2-Dibromo-3-chloropropane	0.992	mg/kg	0.0021	ND
1,2-Dibromoethane	0.992	mg/kg	0.00069	ND
1,2-Dichlorobenzene	0.992	mg/kg	0.0021	ND
1,2-Dichloroethane	0.992	mg/kg	0.0021	ND
1,2-Dichloropropane	0.992	mg/kg	0.0021	ND
1,3-Dichlorobenzene	0.992	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.992	mg/kg	0.0021	ND
1,4-Dioxane	0.992	mg/kg	0.11	ND
2-Butanone	0.992	mg/kg	0.0021	ND
2-Hexanone	0.992	mg/kg	0.0021	ND
4-Methyl-2-pentanone	0.992	mg/kg	0.0021	ND
Acetone	0.992	mg/kg	0.011	ND
Benzene	0.992	mg/kg	0.0011	ND
Bromochloromethane	0.992	mg/kg	0.0021	ND
Bromodichloromethane	0.992	mg/kg	0.0021	ND
Bromoform	0.992	mg/kg	0.0021	ND
Bromomethane	0.992	mg/kg	0.0021	ND
Carbon disulfide	0.992	mg/kg	0.0021	ND
Carbon tetrachloride	0.992	mg/kg	0.0021	ND
Chlorobenzene	0.992	mg/kg	0.0021	ND
Chloroethane	0.992	mg/kg	0.0021	ND
Chloroform	0.992	mg/kg	0.0021	ND
Chloromethane	0.992	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.992	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.992	mg/kg	0.0021	ND
Cyclohexane	0.992	mg/kg	0.0021	ND
Dibromochloromethane	0.992	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.992	mg/kg	0.0021	ND
Ethylbenzene	0.992	mg/kg	0.0011	ND
Isopropylbenzene	0.992	mg/kg	0.0011	ND
m&p-Xylenes	0.992	mg/kg	0.0015	ND
Methyl Acetate	0.992	mg/kg	0.0021	ND
Methylcyclohexane	0.992	mg/kg	0.0021	ND
Methylene chloride	0.992	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.992	mg/kg	0.0011	ND
o-Xylene	0.992	mg/kg	0.0011	ND
Styrene	0.992	mg/kg	0.0021	ND
t-Butyl Alcohol	0.992	mg/kg	0.011	ND
Tetrachloroethene	0.992	mg/kg	0.0021	ND
Toluene	0.992	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.992	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.992	mg/kg	0.0021	ND

NOTE: Soil Results are reported On A Wet

Sample ID:	**SP-2-09**			**Collection Date:**	**10/18/2022**
Lab#:	**AD33983-017**			**Receipt Date:**	**10/18/2022**
Matrix:	**Soil**				
Trichloroethene	0.992	mg/kg	0.0021	ND	
Trichlorofluoromethane	0.992	mg/kg	0.0021	ND	
Vinyl chloride	0.992	mg/kg	0.0021	ND	
Xylenes (Total)	0.992	mg/kg	0.0011	ND	

Sample ID: WC-SP-2-09
Lab#: AD33983-018
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	101	mg/kg	27	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.036	ND
Acenaphthene	1	mg/kg	0.036	ND
Acenaphthylene	1	mg/kg	0.036	ND
Anthracene	1	mg/kg	0.036	0.045
Benzo[a]anthracene	1	mg/kg	0.036	0.19
Benzo[a]pyrene	1	mg/kg	0.036	0.19
Benzo[b]fluoranthene	1	mg/kg	0.036	0.28
Benzo[g,h,i]perylene	1	mg/kg	0.036	0.10
Benzo[k]fluoranthene	1	mg/kg	0.036	0.066
Chrysene	1	mg/kg	0.036	0.18
Dibenzo[a,h]anthracene	1	mg/kg	0.036	ND
Fluoranthene	1	mg/kg	0.036	0.34
Fluorene	1	mg/kg	0.036	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.036	0.089
Naphthalene	1	mg/kg	0.0090	ND
Phenanthrene	1	mg/kg	0.036	0.18
Pyrene	1	mg/kg	0.036	0.35

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-09 | **Collection Date:** 10/18/2022
Lab#: AD33983-018 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	**1**	**ph**		**8.3**
Temperature	**1**	**c**		**20.9**

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.59**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.14**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**65**	**150**

Sample ID: SP-2-10
Lab#: AD33983-019
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		96

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.973	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.973	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.973	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.973	mg/kg	0.0020	ND
1,1-Dichloroethane	0.973	mg/kg	0.0020	ND
1,1-Dichloroethene	0.973	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.973	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.973	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.973	mg/kg	0.0020	ND
1,2-Dibromoethane	0.973	mg/kg	0.00066	ND
1,2-Dichlorobenzene	0.973	mg/kg	0.0020	ND
1,2-Dichloroethane	0.973	mg/kg	0.0020	ND
1,2-Dichloropropane	0.973	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.973	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.973	mg/kg	0.0020	ND
1,4-Dioxane	0.973	mg/kg	0.10	ND
2-Butanone	0.973	mg/kg	0.0020	ND
2-Hexanone	0.973	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.973	mg/kg	0.0020	ND
Acetone	0.973	mg/kg	0.010	ND
Benzene	0.973	mg/kg	0.0010	ND
Bromochloromethane	0.973	mg/kg	0.0020	ND
Bromodichloromethane	0.973	mg/kg	0.0020	ND
Bromoform	0.973	mg/kg	0.0020	ND
Bromomethane	0.973	mg/kg	0.0020	ND
Carbon disulfide	0.973	mg/kg	0.0020	ND
Carbon tetrachloride	0.973	mg/kg	0.0020	ND
Chlorobenzene	0.973	mg/kg	0.0020	ND
Chloroethane	0.973	mg/kg	0.0020	ND
Chloroform	0.973	mg/kg	0.0020	ND
Chloromethane	0.973	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.973	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.973	mg/kg	0.0020	ND
Cyclohexane	0.973	mg/kg	0.0020	ND
Dibromochloromethane	0.973	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.973	mg/kg	0.0020	ND
Ethylbenzene	0.973	mg/kg	0.0010	ND
Isopropylbenzene	0.973	mg/kg	0.0010	ND
m&p-Xylenes	0.973	mg/kg	0.0015	ND
Methyl Acetate	0.973	mg/kg	0.0020	ND
Methylcyclohexane	0.973	mg/kg	0.0020	ND
Methylene chloride	0.973	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.973	mg/kg	0.0010	ND
o-Xylene	0.973	mg/kg	0.0010	ND
Styrene	0.973	mg/kg	0.0020	ND
t-Butyl Alcohol	0.973	mg/kg	0.010	ND
Tetrachloroethene	0.973	mg/kg	0.0020	ND
Toluene	0.973	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.973	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.973	mg/kg	0.0020	ND

Sample ID:	**SP-2-10**			**Collection Date:**	**10/18/2022**
Lab#:	**AD33983-019**			**Receipt Date:**	**10/18/2022**
Matrix:	**Soil**				

Trichloroethene	0.973	mg/kg	0.0020	ND
Trichlorofluoromethane	0.973	mg/kg	0.0020	ND
Vinyl chloride	0.973	mg/kg	0.0020	ND
Xylenes (Total)	0.973	mg/kg	0.0010	ND

Sample ID: WC-SP-2-10
Lab#: AD33983-020
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		96

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	87.3	mg/kg	23	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.10	ND
Acenaphthene	3	mg/kg	0.10	ND
Acenaphthylene	3	mg/kg	0.10	ND
Anthracene	3	mg/kg	0.10	0.11
Benzo[a]anthracene	3	mg/kg	0.10	0.44
Benzo[a]pyrene	3	mg/kg	0.10	0.47
Benzo[b]fluoranthene	3	mg/kg	0.10	0.56
Benzo[g,h,i]perylene	3	mg/kg	0.10	0.32
Benzo[k]fluoranthene	3	mg/kg	0.10	0.22
Chrysene	3	mg/kg	0.10	0.42
Dibenzo[a,h]anthracene	3	mg/kg	0.10	ND
Fluoranthene	3	mg/kg	0.10	0.78
Fluorene	3	mg/kg	0.10	ND
Indeno[1,2,3-cd]pyrene	3	mg/kg	0.10	0.26
Naphthalene	3	mg/kg	0.026	ND
Phenanthrene	3	mg/kg	0.10	0.46
Pyrene	3	mg/kg	0.10	0.76

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SP-2-10 | **Collection Date:** 10/18/2022
Lab#: AD33983-020 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph		8.0
Temperature	1	c		21.0

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.47**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.25**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**63**	**210**

Sample ID: SW-03
Lab#: AD33983-021
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.832	mg/kg	0.0019	ND
1,1,2,2-Tetrachloroethane	0.832	mg/kg	0.0019	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.832	mg/kg	0.0019	ND
1,1,2-Trichloroethane	0.832	mg/kg	0.0019	ND
1,1-Dichloroethane	0.832	mg/kg	0.0019	ND
1,1-Dichloroethene	0.832	mg/kg	0.0019	ND
1,2,3-Trichlorobenzene	0.832	mg/kg	0.0019	ND
1,2,4-Trichlorobenzene	0.832	mg/kg	0.0019	ND
1,2-Dibromo-3-chloropropane	0.832	mg/kg	0.0019	ND
1,2-Dibromoethane	0.832	mg/kg	0.00061	ND
1,2-Dichlorobenzene	0.832	mg/kg	0.0019	ND
1,2-Dichloroethane	0.832	mg/kg	0.0019	ND
1,2-Dichloropropane	0.832	mg/kg	0.0019	ND
1,3-Dichlorobenzene	0.832	mg/kg	0.0019	ND
1,4-Dichlorobenzene	0.832	mg/kg	0.0019	ND
1,4-Dioxane	0.832	mg/kg	0.095	ND
2-Butanone	0.832	mg/kg	0.0019	ND
2-Hexanone	0.832	mg/kg	0.0019	ND
4-Methyl-2-pentanone	0.832	mg/kg	0.0019	ND
Acetone	0.832	mg/kg	0.0095	ND
Benzene	0.832	mg/kg	0.00095	ND
Bromochloromethane	0.832	mg/kg	0.0019	ND
Bromodichloromethane	0.832	mg/kg	0.0019	ND
Bromoform	0.832	mg/kg	0.0019	ND
Bromomethane	0.832	mg/kg	0.0019	ND
Carbon disulfide	0.832	mg/kg	0.0019	ND
Carbon tetrachloride	0.832	mg/kg	0.0019	ND
Chlorobenzene	0.832	mg/kg	0.0019	ND
Chloroethane	0.832	mg/kg	0.0019	ND
Chloroform	0.832	mg/kg	0.0019	ND
Chloromethane	0.832	mg/kg	0.0019	ND
cis-1,2-Dichloroethene	0.832	mg/kg	0.0019	ND
cis-1,3-Dichloropropene	0.832	mg/kg	0.0019	ND
Cyclohexane	0.832	mg/kg	0.0019	ND
Dibromochloromethane	0.832	mg/kg	0.0019	ND
Dichlorodifluoromethane	0.832	mg/kg	0.0019	ND
Ethylbenzene	0.832	mg/kg	0.00095	ND
Isopropylbenzene	0.832	mg/kg	0.00095	ND
m&p-Xylenes	0.832	mg/kg	0.0014	ND
Methyl Acetate	0.832	mg/kg	0.0019	ND
Methylcyclohexane	0.832	mg/kg	0.0019	ND
Methylene chloride	0.832	mg/kg	0.0019	ND
Methyl-t-butyl ether	0.832	mg/kg	0.00095	ND
o-Xylene	0.832	mg/kg	0.00095	ND
Styrene	0.832	mg/kg	0.0019	ND
t-Butyl Alcohol	0.832	mg/kg	0.0095	ND
Tetrachloroethene	0.832	mg/kg	0.0019	ND
Toluene	0.832	mg/kg	0.00095	ND
trans-1,2-Dichloroethene	0.832	mg/kg	0.0019	ND
trans-1,3-Dichloropropene	0.832	mg/kg	0.0019	ND

NOTE: Soil Results are reported On Wet Wt.

Sample ID:	**SW-03**			**Collection Date:**	**10/18/2022**
Lab#:	**AD33983-021**			**Receipt Date:**	**10/18/2022**
Matrix:	**Soil**				

Trichloroethene	0.832	mg/kg	0.0019	ND
Trichlorofluoromethane	0.832	mg/kg	0.0019	ND
Vinyl chloride	0.832	mg/kg	0.0019	ND
Xylenes (Total)	0.832	mg/kg	0.00095	ND

Sample ID: WC-SW-03 | **Collection Date:** 10/18/2022
Lab#: AD33983-022 | **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	88	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.037	ND
Acenaphthene	1	mg/kg	0.037	0.088
Acenaphthylene	1	mg/kg	0.037	0.059
Anthracene	1	mg/kg	0.037	0.24
Benzo[a]anthracene	1	mg/kg	0.037	0.94
Benzo[a]pyrene	1	mg/kg	0.037	0.93
Benzo[b]fluoranthene	1	mg/kg	0.037	1.3
Benzo[g,h,i]perylene	1	mg/kg	0.037	0.46
Benzo[k]fluoranthene	1	mg/kg	0.037	0.44
Chrysene	1	mg/kg	0.037	0.93
Dibenzo[a,h]anthracene	1	mg/kg	0.037	0.14
Fluoranthene	1	mg/kg	0.037	1.7
Fluorene	1	mg/kg	0.037	0.064
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.037	0.44
Naphthalene	1	mg/kg	0.0094	0.012
Phenanthrene	1	mg/kg	0.037	0.84
Pyrene	1	mg/kg	0.037	1.6

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	0.18
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	0.18
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SW-03 | **Collection Date:** 10/18/2022
Lab#: AD33983-022 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph	8.2
Temperature	1	c	20.7

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.72**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.16**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**67**	**92**

Sample ID: SW-01
Lab#: AD33983-023
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.99	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	0.99	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.99	mg/kg	0.0022	ND
1,1,2-Trichloroethane	0.99	mg/kg	0.0022	ND
1,1-Dichloroethane	0.99	mg/kg	0.0022	ND
1,1-Dichloroethene	0.99	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	0.99	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	0.99	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	0.99	mg/kg	0.0022	ND
1,2-Dibromoethane	0.99	mg/kg	0.00072	ND
1,2-Dichlorobenzene	0.99	mg/kg	0.0022	ND
1,2-Dichloroethane	0.99	mg/kg	0.0022	ND
1,2-Dichloropropane	0.99	mg/kg	0.0022	ND
1,3-Dichlorobenzene	0.99	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.99	mg/kg	0.0022	ND
1,4-Dioxane	0.99	mg/kg	0.11	ND
2-Butanone	0.99	mg/kg	0.0022	ND
2-Hexanone	0.99	mg/kg	0.0022	ND
4-Methyl-2-pentanone	0.99	mg/kg	0.0022	ND
Acetone	0.99	mg/kg	0.011	ND
Benzene	0.99	mg/kg	0.0011	ND
Bromochloromethane	0.99	mg/kg	0.0022	ND
Bromodichloromethane	0.99	mg/kg	0.0022	ND
Bromoform	0.99	mg/kg	0.0022	ND
Bromomethane	0.99	mg/kg	0.0022	ND
Carbon disulfide	0.99	mg/kg	0.0022	ND
Carbon tetrachloride	0.99	mg/kg	0.0022	ND
Chlorobenzene	0.99	mg/kg	0.0022	ND
Chloroethane	0.99	mg/kg	0.0022	ND
Chloroform	0.99	mg/kg	0.0022	ND
Chloromethane	0.99	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.99	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	0.99	mg/kg	0.0022	ND
Cyclohexane	0.99	mg/kg	0.0022	ND
Dibromochloromethane	0.99	mg/kg	0.0022	ND
Dichlorodifluoromethane	0.99	mg/kg	0.0022	ND
Ethylbenzene	0.99	mg/kg	0.0011	ND
Isopropylbenzene	0.99	mg/kg	0.0011	ND
m&p-Xylenes	0.99	mg/kg	0.0016	ND
Methyl Acetate	0.99	mg/kg	0.0022	ND
Methylcyclohexane	0.99	mg/kg	0.0022	ND
Methylene chloride	0.99	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.99	mg/kg	0.0011	ND
o-Xylene	0.99	mg/kg	0.0011	ND
Styrene	0.99	mg/kg	0.0022	ND
t-Butyl Alcohol	0.99	mg/kg	0.011	ND
Tetrachloroethene	0.99	mg/kg	0.0022	ND
Toluene	0.99	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.99	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	0.99	mg/kg	0.0022	ND

NOTE: Soil Results are reported on a Dry Weight basis

Sample ID:	**SW-01**			**Collection Date:**	**10/18/2022**
Lab#:	**AD33983-023**			**Receipt Date:**	**10/18/2022**
Matrix:	**Soil**				

Trichloroethene	0.99	mg/kg	0.0022	ND
Trichlorofluoromethane	0.99	mg/kg	0.0022	ND
Vinyl chloride	0.99	mg/kg	0.0022	ND
Xylenes (Total)	0.99	mg/kg	0.0011	ND

Sample ID: WC-SW-01
Lab#: AD33983-024
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	91.2	mg/kg	26	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.037	ND
Acenaphthene	1	mg/kg	0.037	0.10
Acenaphthylene	1	mg/kg	0.037	0.047
Anthracene	1	mg/kg	0.037	0.25
Benzo[a]anthracene	1	mg/kg	0.037	0.94
Benzo[a]pyrene	1	mg/kg	0.037	0.93
Benzo[b]fluoranthene	1	mg/kg	0.037	1.2
Benzo[g,h,i]perylene	1	mg/kg	0.037	0.63
Benzo[k]fluoranthene	1	mg/kg	0.037	0.47
Chrysene	1	mg/kg	0.037	0.94
Dibenzo[a,h]anthracene	1	mg/kg	0.037	0.15
Fluoranthene	1	mg/kg	0.037	1.6
Fluorene	1	mg/kg	0.037	0.077
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.037	0.58
Naphthalene	1	mg/kg	0.0094	0.015
Phenanthrene	1	mg/kg	0.037	0.92
Pyrene	1	mg/kg	0.037	1.6

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	0.29
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	0.20
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	0.086
Aroclor-1268	1	mg/kg	0.028	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SW-01 | **Collection Date:** 10/18/2022
Lab#: AD33983-024 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph		8.2
Temperature	1	c		21.1

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.83**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.12**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**67**	**92**

Sample ID: SW-02
Lab#: AD33983-025
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		94

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.923	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.923	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.923	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.923	mg/kg	0.0020	ND
1,1-Dichloroethane	0.923	mg/kg	0.0020	ND
1,1-Dichloroethene	0.923	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.923	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.923	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.923	mg/kg	0.0020	ND
1,2-Dibromoethane	0.923	mg/kg	0.00064	ND
1,2-Dichlorobenzene	0.923	mg/kg	0.0020	ND
1,2-Dichloroethane	0.923	mg/kg	0.0020	ND
1,2-Dichloropropane	0.923	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.923	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.923	mg/kg	0.0020	ND
1,4-Dioxane	0.923	mg/kg	0.098	ND
2-Butanone	0.923	mg/kg	0.0020	ND
2-Hexanone	0.923	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.923	mg/kg	0.0020	ND
Acetone	0.923	mg/kg	0.0098	ND
Benzene	0.923	mg/kg	0.00098	ND
Bromochloromethane	0.923	mg/kg	0.0020	ND
Bromodichloromethane	0.923	mg/kg	0.0020	ND
Bromoform	0.923	mg/kg	0.0020	ND
Bromomethane	0.923	mg/kg	0.0020	ND
Carbon disulfide	0.923	mg/kg	0.0020	ND
Carbon tetrachloride	0.923	mg/kg	0.0020	ND
Chlorobenzene	0.923	mg/kg	0.0020	ND
Chloroethane	0.923	mg/kg	0.0020	ND
Chloroform	0.923	mg/kg	0.0020	ND
Chloromethane	0.923	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.923	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.923	mg/kg	0.0020	ND
Cyclohexane	0.923	mg/kg	0.0020	ND
Dibromochloromethane	0.923	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.923	mg/kg	0.0020	ND
Ethylbenzene	0.923	mg/kg	0.00098	ND
Isopropylbenzene	0.923	mg/kg	0.00098	ND
m&p-Xylenes	0.923	mg/kg	0.0014	ND
Methyl Acetate	0.923	mg/kg	0.0020	ND
Methylcyclohexane	0.923	mg/kg	0.0020	ND
Methylene chloride	0.923	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.923	mg/kg	0.00098	ND
o-Xylene	0.923	mg/kg	0.00098	ND
Styrene	0.923	mg/kg	0.0020	ND
t-Butyl Alcohol	0.923	mg/kg	0.0098	ND
Tetrachloroethene	0.923	mg/kg	0.0020	ND
Toluene	0.923	mg/kg	0.00098	ND
trans-1,2-Dichloroethene	0.923	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.923	mg/kg	0.0020	ND

Sample ID:	**SW-02**
Lab#:	**AD33983-025**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	0.923	mg/kg	0.0020	ND
Trichlorofluoromethane	0.923	mg/kg	0.0020	ND
Vinyl chloride	0.923	mg/kg	0.0020	ND
Xylenes (Total)	0.923	mg/kg	0.00098	ND

Sample ID: WC-SW-02 | **Collection Date:** 10/18/2022
Lab#: AD33983-026 | **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	89	mg/kg	24	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.036	ND
Acenaphthene	1	mg/kg	0.036	ND
Acenaphthylene	1	mg/kg	0.036	ND
Anthracene	1	mg/kg	0.036	0.039
Benzo[a]anthracene	1	mg/kg	0.036	0.18
Benzo[a]pyrene	1	mg/kg	0.036	0.19
Benzo[b]fluoranthene	1	mg/kg	0.036	0.27
Benzo[g,h,i]perylene	1	mg/kg	0.036	0.098
Benzo[k]fluoranthene	1	mg/kg	0.036	0.10
Chrysene	1	mg/kg	0.036	0.17
Dibenzo[a,h]anthracene	1	mg/kg	0.036	ND
Fluoranthene	1	mg/kg	0.036	0.29
Fluorene	1	mg/kg	0.036	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.036	0.093
Naphthalene	1	mg/kg	0.0090	ND
Phenanthrene	1	mg/kg	0.036	0.12
Pyrene	1	mg/kg	0.036	0.28

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	0.20
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	0.14
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	0.056
Aroclor-1268	1	mg/kg	0.027	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SW-02
Lab#: AD33983-026
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

pH	1	ph	8.0
Temperature	1	c	20.7

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.84**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.12**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	1	mg/kg	65	ND

Sample ID: SW-04 **Collection Date:** 10/18/2022
Lab#: AD33983-027 **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1.01	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	1.01	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1.01	mg/kg	0.0022	ND
1,1,2-Trichloroethane	1.01	mg/kg	0.0022	ND
1,1-Dichloroethane	1.01	mg/kg	0.0022	ND
1,1-Dichloroethene	1.01	mg/kg	0.0022	ND
1,2,3-Trichlorobenzene	1.01	mg/kg	0.0022	ND
1,2,4-Trichlorobenzene	1.01	mg/kg	0.0022	ND
1,2-Dibromo-3-chloropropane	1.01	mg/kg	0.0022	ND
1,2-Dibromoethane	1.01	mg/kg	0.00070	ND
1,2-Dichlorobenzene	1.01	mg/kg	0.0022	ND
1,2-Dichloroethane	1.01	mg/kg	0.0022	ND
1,2-Dichloropropane	1.01	mg/kg	0.0022	ND
1,3-Dichlorobenzene	1.01	mg/kg	0.0022	ND
1,4-Dichlorobenzene	1.01	mg/kg	0.0022	ND
1,4-Dioxane	1.01	mg/kg	0.11	ND
2-Butanone	1.01	mg/kg	0.0022	ND
2-Hexanone	1.01	mg/kg	0.0022	ND
4-Methyl-2-pentanone	1.01	mg/kg	0.0022	ND
Acetone	1.01	mg/kg	0.011	ND
Benzene	1.01	mg/kg	0.0011	ND
Bromochloromethane	1.01	mg/kg	0.0022	ND
Bromodichloromethane	1.01	mg/kg	0.0022	ND
Bromoform	1.01	mg/kg	0.0022	ND
Bromomethane	1.01	mg/kg	0.0022	ND
Carbon disulfide	1.01	mg/kg	0.0022	ND
Carbon tetrachloride	1.01	mg/kg	0.0022	ND
Chlorobenzene	1.01	mg/kg	0.0022	ND
Chloroethane	1.01	mg/kg	0.0022	ND
Chloroform	1.01	mg/kg	0.0022	ND
Chloromethane	1.01	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	1.01	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	1.01	mg/kg	0.0022	ND
Cyclohexane	1.01	mg/kg	0.0022	ND
Dibromochloromethane	1.01	mg/kg	0.0022	ND
Dichlorodifluoromethane	1.01	mg/kg	0.0022	ND
Ethylbenzene	1.01	mg/kg	0.0011	ND
Isopropylbenzene	1.01	mg/kg	0.0011	ND
m&p-Xylenes	1.01	mg/kg	0.0016	ND
Methyl Acetate	1.01	mg/kg	0.0022	ND
Methylcyclohexane	1.01	mg/kg	0.0022	ND
Methylene chloride	1.01	mg/kg	0.0022	ND
Methyl-t-butyl ether	1.01	mg/kg	0.0011	ND
o-Xylene	1.01	mg/kg	0.0011	ND
Styrene	1.01	mg/kg	0.0022	ND
t-Butyl Alcohol	1.01	mg/kg	0.011	ND
Tetrachloroethene	1.01	mg/kg	0.0022	ND
Toluene	1.01	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	1.01	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	1.01	mg/kg	0.0022	ND

Sample ID:	**SW-04**
Lab#:	**AD33983-027**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	1.01	mg/kg	0.0022	ND
Trichlorofluoromethane	1.01	mg/kg	0.0022	ND
Vinyl chloride	1.01	mg/kg	0.0022	ND
Xylenes (Total)	1.01	mg/kg	0.0011	ND

NOTE: Sc[illegible]

Sample ID: WC-SW-04
Lab#: AD33983-028
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		92

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	93.3	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	3	mg/kg	0.11	ND
Acenaphthene	3	mg/kg	0.11	ND
Acenaphthylene	3	mg/kg	0.11	ND
Anthracene	3	mg/kg	0.11	ND
Benzo[a]anthracene	**3**	**mg/kg**	**0.11**	**0.44**
Benzo[a]pyrene	**3**	**mg/kg**	**0.11**	**0.53**
Benzo[b]fluoranthene	**3**	**mg/kg**	**0.11**	**0.75**
Benzo[g,h,i]perylene	**3**	**mg/kg**	**0.11**	**0.40**
Benzo[k]fluoranthene	**3**	**mg/kg**	**0.11**	**0.17**
Chrysene	**3**	**mg/kg**	**0.11**	**0.47**
Dibenzo[a,h]anthracene	3	mg/kg	0.11	ND
Fluoranthene	**3**	**mg/kg**	**0.11**	**0.84**
Fluorene	3	mg/kg	0.11	ND
Indeno[1,2,3-cd]pyrene	**3**	**mg/kg**	**0.11**	**0.36**
Naphthalene	3	mg/kg	0.027	ND
Phenanthrene	**3**	**mg/kg**	**0.11**	**0.43**
Pyrene	**3**	**mg/kg**	**0.11**	**0.80**

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**1**	**mg/kg**	**0.027**	**0.052**
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	**1**	**mg/kg**	**0.027**	**0.052**
Aroclor-1268	1	mg/kg	0.027	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SW-04
Lab#: AD33983-028
Matrix: Soil
Collection Date: 10/18/2022
Receipt Date: 10/18/2022

pH	1	ph	8.5
Temperature	1	c	20.9

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.55**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.089**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**65**	**96**

Sample ID: SW-05 **Collection Date:** 10/18/2022
Lab#: AD33983-029 **Receipt Date:** 10/18/2022
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.893	mg/kg	0.0020	ND
1,1,2,2-Tetrachloroethane	0.893	mg/kg	0.0020	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.893	mg/kg	0.0020	ND
1,1,2-Trichloroethane	0.893	mg/kg	0.0020	ND
1,1-Dichloroethane	0.893	mg/kg	0.0020	ND
1,1-Dichloroethene	0.893	mg/kg	0.0020	ND
1,2,3-Trichlorobenzene	0.893	mg/kg	0.0020	ND
1,2,4-Trichlorobenzene	0.893	mg/kg	0.0020	ND
1,2-Dibromo-3-chloropropane	0.893	mg/kg	0.0020	ND
1,2-Dibromoethane	0.893	mg/kg	0.00065	ND
1,2-Dichlorobenzene	0.893	mg/kg	0.0020	ND
1,2-Dichloroethane	0.893	mg/kg	0.0020	ND
1,2-Dichloropropane	0.893	mg/kg	0.0020	ND
1,3-Dichlorobenzene	0.893	mg/kg	0.0020	ND
1,4-Dichlorobenzene	0.893	mg/kg	0.0020	ND
1,4-Dioxane	0.893	mg/kg	0.10	ND
2-Butanone	0.893	mg/kg	0.0020	ND
2-Hexanone	0.893	mg/kg	0.0020	ND
4-Methyl-2-pentanone	0.893	mg/kg	0.0020	ND
Acetone	0.893	mg/kg	0.010	ND
Benzene	0.893	mg/kg	0.0010	ND
Bromochloromethane	0.893	mg/kg	0.0020	ND
Bromodichloromethane	0.893	mg/kg	0.0020	ND
Bromoform	0.893	mg/kg	0.0020	ND
Bromomethane	0.893	mg/kg	0.0020	ND
Carbon disulfide	0.893	mg/kg	0.0020	ND
Carbon tetrachloride	0.893	mg/kg	0.0020	ND
Chlorobenzene	0.893	mg/kg	0.0020	ND
Chloroethane	0.893	mg/kg	0.0020	ND
Chloroform	0.893	mg/kg	0.0020	ND
Chloromethane	0.893	mg/kg	0.0020	ND
cis-1,2-Dichloroethene	0.893	mg/kg	0.0020	ND
cis-1,3-Dichloropropene	0.893	mg/kg	0.0020	ND
Cyclohexane	0.893	mg/kg	0.0020	ND
Dibromochloromethane	0.893	mg/kg	0.0020	ND
Dichlorodifluoromethane	0.893	mg/kg	0.0020	ND
Ethylbenzene	0.893	mg/kg	0.0010	ND
Isopropylbenzene	0.893	mg/kg	0.0010	ND
m&p-Xylenes	0.893	mg/kg	0.0015	ND
Methyl Acetate	0.893	mg/kg	0.0020	ND
Methylcyclohexane	0.893	mg/kg	0.0020	ND
Methylene chloride	0.893	mg/kg	0.0020	ND
Methyl-t-butyl ether	0.893	mg/kg	0.0010	ND
o-Xylene	0.893	mg/kg	0.0010	ND
Styrene	0.893	mg/kg	0.0020	ND
t-Butyl Alcohol	0.893	mg/kg	0.010	ND
Tetrachloroethene	0.893	mg/kg	0.0020	ND
Toluene	0.893	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.893	mg/kg	0.0020	ND
trans-1,3-Dichloropropene	0.893	mg/kg	0.0020	ND

Sample ID:	**SW-05**
Lab#:	**AD33983-029**
Matrix:	**Soil**
Collection Date:	**10/18/2022**
Receipt Date:	**10/18/2022**

Trichloroethene	0.893	mg/kg	0.0020	ND
Trichlorofluoromethane	0.893	mg/kg	0.0020	ND
Vinyl chloride	0.893	mg/kg	0.0020	ND
Xylenes (Total)	0.893	mg/kg	0.0010	ND

Sample ID: WC-SW-05
Lab#: AD33983-030
Matrix: Soil

Collection Date: 10/18/2022
Receipt Date: 10/18/2022

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

Gasoline range organics 8015D(C6-C10)

Analyte	DF	Units	RL	Result
Gasoline Range Organics	87.6	mg/kg	25	ND

Ignitability (EPA 1030)

Analyte	DF	Units	RL	Result
Burning Rate (mm/sec)	1			NA
Flame Propagation (POS/NEG)	1			NEG
Ignitability (POS/NEG)	1			NEG

Mercury (TCLP) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	mg/l	0.00050	ND

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.037	ND
Acenaphthene	1	mg/kg	0.037	0.13
Acenaphthylene	1	mg/kg	0.037	0.074
Anthracene	1	mg/kg	0.037	0.30
Benzo[a]anthracene	1	mg/kg	0.037	0.95
Benzo[a]pyrene	1	mg/kg	0.037	0.87
Benzo[b]fluoranthene	1	mg/kg	0.037	1.2
Benzo[g,h,i]perylene	1	mg/kg	0.037	0.39
Benzo[k]fluoranthene	1	mg/kg	0.037	0.38
Chrysene	1	mg/kg	0.037	0.94
Dibenzo[a,h]anthracene	1	mg/kg	0.037	0.13
Fluoranthene	1	mg/kg	0.037	1.9
Fluorene	1	mg/kg	0.037	0.11
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.037	0.39
Naphthalene	1	mg/kg	0.0094	0.026
Phenanthrene	1	mg/kg	0.037	1.4
Pyrene	1	mg/kg	0.037	1.8

Paint Filter Test 9095B

Analyte	DF	Units	RL	Result
Paint Filter Test	1			NEG

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	0.064
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	0.064
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

pH 9045D

Analyte	DF	Units	RL	Result

Sample ID: WC-SW-05 | **Collection Date:** 10/18/2022
Lab#: AD33983-030 | **Receipt Date:** 10/18/2022
Matrix: Soil

pH	1	ph		8.4
Temperature	1	c		20.8

Reactive Cyanide

Analyte	DF	Units	RL	Result
Cyanide (Reactive)	1	mg/kg	0.50	ND

Reactive Sulfide

Analyte	DF	Units	RL	Result
Sulfide (Reactive)	1	mg/kg	100	ND

TCLP Metals 6010D

Analyte	DF	Units	RL	Result
Arsenic	1	mg/l	0.10	ND
Barium	**1**	**mg/l**	**0.25**	**0.87**
Cadmium	1	mg/l	0.050	ND
Chromium	1	mg/l	0.10	ND
Lead	**1**	**mg/l**	**0.050**	**0.11**
Selenium	1	mg/l	0.10	ND
Silver	1	mg/l	0.050	ND

TPH 8015D (C8-C44)

Analyte	DF	Units	RL	Result
Total Petroleum Hydrocarbons	**1**	**mg/kg**	**67**	**110**

HC Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

DUP = Duplicate

LCS = Laboratory Control Spike

MBS = Method Blank Spike

MDL = Method Detection Limit

MR = Matrix Replicate

MS = Matrix Spike

MSD = Matrix Spike Duplicate

NA = Not Applicable

ND = Not Detected

PS = Post Digestion Spike

RL* = Reporting Limit

RT = Retention Time

SD = Serial Dilution

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

A- Indicates that the Tentatively Identified Compound (TIC) is suspected to be an aldol-condensation product. These compounds are by-products of acetone and methylene chloride used in the extraction process.

B- Indicates analyte was present in the Method Blank and sample.

d- For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.

E- Indicates the concentration exceeded the upper calibration range of the instrument.

J- Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

R- Retention Time is out.

Y- Indicates a contaminant found in the blank at less than 10% of the concentration of a contaminant found in the sample.

Laboratory Chronicle

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#: AD33983-001 **Sample ID: SP-2-01**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 00:30	WP

Lab#: AD33983-002 **Sample ID: WC-SP-2-01**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 18:11	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 10:44	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 21:03	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 10:10	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 11:48	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 14:36	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 12:40	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 15:39	ABM/AH/JR/RR

Lab#: AD33983-003 **Sample ID: SP-2-02**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 00:52	WP

Laboratory Chronicle

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-004 **Sample ID: WC-SP-2-02**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 19:27	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 10:49	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 21:26	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 10:22	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 11:51	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:07	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 12:40	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 16:10	ABM/AH/JR/RR

Lab#: AD33983-005 **Sample ID: SP-2-03**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 01:14	WP

Lab#: AD33983-006 **Sample ID: WC-SP-2-03**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 19:44	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 10:51	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 21:49	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 10:33	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 11:53	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:11	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 12:50	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 16:39	ABM/AH/JR/RR

Laboratory Chronicle

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#: AD33983-007 **Sample ID: SP-2-04**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 01:36	WP

Lab#: AD33983-008 **Sample ID: WC-SP-2-04**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 20:06	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 10:52	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 22:35	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 10:45	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:00	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:16	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 12:50	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 21:07	AH/ABM/RR/K

Lab#: AD33983-009 **Sample ID: SP-2-05**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 01:58	WP

Laboratory Chronicle

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-010 **Sample ID: WC-SP-2-05**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 20:21	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 10:54	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/24/22 10:54	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 10:57	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:02	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:20	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:00	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 17:08	ABM/AH/JR/RR

Lab#: AD33983-011 **Sample ID: SP-2-06**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 02:20	WP

Lab#: AD33983-012 **Sample ID: WC-SP-2-06**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 20:37	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 10:59	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 16:51	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 11:08	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:05	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:25	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:00	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 17:37	ABM/AH/JR/RR

Laboratory Chronicle

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-013 **Sample ID: SP-2-07**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 02:42	WP

Lab#: AD33983-014 **Sample ID: WC-SP-2-07**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 20:52	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:00	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/24/22 11:17	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 11:20	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:07	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:30	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:10	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/22/22 05:13	AH/ABM/RR/K

Lab#: AD33983-015 **Sample ID: SP-2-08**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 03:04	WP

Laboratory Chronicle

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#: AD33983-016 **Sample ID: WC-SP-2-08**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 21:08	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:02	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/24/22 12:50	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 11:32	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:09	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:34	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:10	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 18:06	ABM/AH/JR/RR

Lab#: AD33983-017 **Sample ID: SP-2-09**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 03:26	WP

Lab#: AD33983-018 **Sample ID: WC-SP-2-09**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 21:28	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:03	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 17:14	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 11:44	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:12	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:39	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:20	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 18:35	ABM/AH/JR/RR

Laboratory Chronicle

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#: AD33983-019 **Sample ID: SP-2-10**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 03:48	WP

Lab#: AD33983-020 **Sample ID: WC-SP-2-10**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 21:45	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:05	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/24/22 12:03	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 11:55	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:14	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:52	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:20	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 19:05	ABM/AH/JR/RR

Lab#: AD33983-021 **Sample ID: SW-03**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 04:10	WP

Laboratory Chronicle

Client: WSP USA, Inc. **HC Project #:** 2101904

Project: HD161E-GatewayEstates

Lab#: AD33983-022 **Sample ID: WC-SW-03**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 22:00	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:06	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 17:37	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 12:07	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:16	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 15:57	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:30	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 19:34	ABM/AH/JR/RR

Lab#: AD33983-023 **Sample ID: SW-01**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 04:32	WP

Lab#: AD33983-024 **Sample ID: WC-SW-01**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 22:16	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:08	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 21:29	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 12:19	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:19	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 16:01	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:30	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 22:23	AH/ABM/RR/K

Laboratory Chronicle

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#: AD33983-025 **Sample ID: SW-02**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 04:54	WP

Lab#: AD33983-026 **Sample ID: WC-SW-02**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 22:31	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:09	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 18:00	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 12:31	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:21	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 16:06	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	erachlis		10/20/22 13:40	erachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 21:58	AH/ABM/RR/K

Lab#: AD33983-027 **Sample ID: SW-04**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 05:15	WP

Laboratory Chronicle

Client: WSP USA, Inc.
Project: HD161E-GatewayEstates

HC Project #: 2101904

Lab#: AD33983-028 **Sample ID: WC-SW-04**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 22:48	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:11	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/24/22 12:26	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 12:42	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:28	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 16:10	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	crachlis		10/20/22 13:40	crachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/25/22 10:50	AH/ABM/RR/K

Lab#: AD33983-029 **Sample ID: SW-05**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Volatile Organics (no search) 8260	EPA5030/5035			EPA 8260D	10/20/22 05:37	WP

Lab#: AD33983-030 **Sample ID: WC-SW-05**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	10/19/22 00:00	mbirmingham
Gasoline range organics 8015D(C6-C10)	EPA5030/5035			EPA 8015D	10/19/22 23:03	WP
Ignitability (EPA 1030)		10/20/22	SDL	EPA 1030	10/20/22 10:00	SDL
Mercury (TCLP) 7470A	EPA 7470A	10/21/22 14:37	jleary	EPA 7470A	10/22/22 11:13	JL
PAH Compounds 8270	3510C/3550C	10/21/22 08:17	AT/PP	EPA 8270E	10/23/22 18:23	AH/JB
Paint Filter Test 9095B				EPA 9095B	10/20/22 00:00	SDL
PCB 8082	3510C/3541	10/22/22	jkr	EPA 8082A	10/24/22 12:54	AH/PR/KM
pH 9045D				9045D	10/20/22 11:45	LL
Reactive Cyanide	SW846 7.3	10/20/22	kbaxter	SW846 7.3	10/21/22 12:29	LL
Reactive Sulfide	SW846 7.3	10/20/22	KB	SW846 7.3	10/20/22 00:00	KB
TCLP Metals 6010D	3005&10/3050	10/21/22 14:30	jleary	EPA 6010D	10/24/22 16:15	SB
TCLP Metals Extraction 1311	EPA 1311	10/19/22 13:00	crachlis		10/20/22 13:50	crachlis
TPH 8015D (C8-C44)	Mod. Shaker	10/21/22 10:50	lynda	EPA 8015D	10/21/22 15:10	ABM/AH/JR/RR

Chain of Custody

2101904 0084

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056
NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 2101904

Page 1 of 3

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: WSP
Address: 350 Applecable Ave
Morristown NJ
1b) Email/Cell/Fax/Ph: JON.GANZ@WSP.COM
1c) Send Invoice to: JON.GANZ@WSP.COM
1d) Send Report to: Jon Ganz

Project Information

2a) Project: HOYLE - Gateway Estates
2b) Project Mgr: Jonathan Ganz
2c) Project Location (City/State): Brooklyn / NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # A033983

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VOCs	PAHs	TPH-DRO/GRO	PCBs	TCLP(ACRA8)Metals	RCRA-Char	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
-001	SP-2-01	S	10/18	0930		G	X						1								
-002	WC-SP-2-01	S		0930	C	C		X	X	X	X	X	1								
-003	SP-2-02	S		0950		G	X						1								
-004	WC-SP-2-02	S		0950	C			X	X	X	X	X	1								
-005	SP-2-03	S		1010		G	X						1								
-006	WC-SP-2-03	S		1010	C			X	X	X	X	X	1								
-007	SP-2-04	S		1035		G	X						1								
-008	WC SP-2-04	S		1035	C			X	X	X	X	X	1								
-009	SP-2-05	S		1100		G	X						1								
-010	WC-SP-2-05	S	↓	1100	C			X	X	X	X	X	1								

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature]	10/18/22	18:11

11) Sampler (print name): James Hempsey, Jon Astuno Date: 10/18/22

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2-4

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

Version Date: May 16, 2022
Haz. - 158
DDC Project No.: HD-161DPL

2101904 0085

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056
NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 2101904

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: USP
Address: 350 Mckeesle Ave
Morristown, NJ 07960
1b) Email/Cell/Fax/Ph: Jon.Gant2@usp.com
1c) Send Invoice to: Jon Gant2
1d) Send Report to: Jon Gant2

Project Information

2a) Project: HDI611 - Gateway Estates
2b) Project Mgr: Jonatha Gant2
2c) Project Location (City/State): Brooklyn/NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓
Batch # A033983

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VOCs	PAHs	TPH-DRO/GRO	PCBs	TCLP (RCRA 8 Metals)	RCRA-Cr+6	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
-011	SP-2-06	S	10/18	1135		G	X						1								
-012	WC-SP-2-06	S	10/18	1135	C			X	X	X	X	X	1								
-013	SP-2-07	S	10/18	1200		G	X						1								
-014	WC SP-2-07	S		1200	C			X	X	X	X	X	1								
-015	SP-2-08	S		1220		G	X						1								
-016	WC-SP-2-08	S		1220	C			X	X	X	X	X	1								
-017	SP-2-09	S		1240		G	X						1								
-018	WC-SP-2-09	S		1240	C			X	X	X	X	X	1								
-019	SP-2-10	S		1300		G	X						1								
-020	WC-SP-2-10	S		1300	C			X	X	X	X	X	1								

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature]	10/18/22	18:11

11) Sampler (print name): James Harvey, Jonathan Date: 10/18/22

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2.9

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

Version Date: May 16, 2022
Haz. - 159
DDC Project No.: HD-161DPL

2101904 0086

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056
NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 2101904

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: WSP
Address: 350 Mt Kemble Ave
Morristown, NJ 07960
1b) Email/Cell/Fax/Ph: Jon.Gaz@wsp.com
1c) Send Invoice to: Jon.Gaz@wsp.com
1d) Send Report to: Jon Gaz

Project Information

2a) Project: HDHQ IE Trateway Exhibit
2b) Project Mgr: Jonathan Gaz
2c) Project Location (City/State): Brooklyn/NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY

Batch # AD33983

===> Check If Contingent ===>

<=== Check If Contingent <===

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	7) Analysis: TCL VOCs	PAHs	TPH-DRO/GRO	PCBs	TCLP/(RCRA)Metals	RCRA chem	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other	9) Comments
-021	SW-03	S	10/18	1425		G	X						1								
-022	WC-SW-03	S		1425	C			X	X	X	X	X	1								
-023	SW-01	S		1440		G	X						1								
-024	WC-SW-01	S		1440	C			X	X	X	X	X	1								
-025	SW-02	S		1455		G	X						1								
-026	WC-SW-02	S		1455	C			X	X	X	X	X	1								
-027	SW-04	S		1510		G	X						1								
-028	WC-SW-04	S		1510	C			X	X	X	X	X	1								
-029	SW-05	S		1535		G	X						1								
-030	WC-SW-05	S		1535	C			X	X	X	X	X	1								

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature]	10/18/22	18:11

11) Sampler (print name): James Harper, Jr. Arturo Date: 10/18/22

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2.9

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

Version Date: May 16, 2022
Haz. - 160
DDC Project No.: HD-161DPL

CONDITION UPON RECEIPT

Batch Number AD33983 Entered By maxwell
Date Entered 10/19/2022 9:08:00 AM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or ice chest?
3	No	Are the COC seals intact?
4	T-461	<--- Thermometer ID. Please specify the Temperature inside the container (in degC) 2 9
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	No	Are samples preserved correctly? Samples for VOA not collected as Encore/Terracore
12	Yes	Was temperature blank present (Place comment below if not)? If not was temperature of samples verified?
13	NA	Other comments Specify (TB date, sample matrix, any missing info, etc.)
14	NA	Corrective actions (Specify item number and corrective action taken)
15	NA	Were any samples for ortho-phosphate or dissolved ferrous iron field filtered?

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD33983-001	10/18/22 18:11	MAXW	0	M	Received
AD33983-001	10/19/22 09:08	MAXW	0	M	Login
AD33983-001	10/19/22 14:44	MB	1	A	mix
AD33983-001	10/19/22 18:13	R12	1	A	NONE
AD33983-001	10/19/22 13:53	R30	2	A	NONE
AD33983-001	10/19/22 15:20	SG	2	A	VOA
AD33983-001	10/19/22 16:17	R30	2	A	NONE
AD33983-002	10/18/22 18:11	MAXW	0	M	Received
AD33983-002	10/19/22 09:08	MAXW	0	M	Login
AD33983-002	10/19/22 14:44	MB	1	A	mix
AD33983-002	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-002	10/19/22 17:56	R12	1	A	NONE
AD33983-002	10/20/22 07:35	CN-RE	1	A	KB
AD33983-002	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-002	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-002	10/20/22 12:04	R12	1	A	NONE
AD33983-002	10/21/22 10:05	LV	1	A	TPH
AD33983-002	10/21/22 10:50	R12	1	A	NONE
AD33983-002	10/21/22 13:02	R12	1	A	NONE
AD33983-002	10/22/22 05:36	JKR	1	A	p/p
AD33983-002	10/22/22 06:32	R12	1	A	NONE
AD33983-002	10/19/22 13:53	R30	2	A	NONE
AD33983-002	10/19/22 15:21	SG	2	A	GRO
AD33983-002	10/19/22 16:17	R30	2	A	NONE
AD33983-002	10/19/22 16:17	R31	3	A	NONE
AD33983-002	10/19/22 18:29	WP	3	M	GRO
AD33983-002	10/20/22 01:30	R31	3	A	NONE
AD33983-003	10/18/22 18:11	MAXW	0	M	Received
AD33983-003	10/19/22 09:08	MAXW	0	M	Login
AD33983-003	10/19/22 14:44	MB	1	A	mix
AD33983-003	10/19/22 18:13	R12	1	A	NONE
AD33983-003	10/19/22 13:53	R30	2	A	NONE
AD33983-003	10/19/22 15:20	SG	2	A	VOA
AD33983-003	10/19/22 16:17	R30	2	A	NONE
AD33983-004	10/18/22 18:11	MAXW	0	M	Received
AD33983-004	10/19/22 09:08	MAXW	0	M	Login
AD33983-004	10/19/22 14:44	MB	1	A	mix
AD33983-004	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-004	10/19/22 17:56	R12	1	A	NONE
AD33983-004	10/20/22 07:35	CN-RE	1	A	KB
AD33983-004	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-004	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-004	10/20/22 12:04	R12	1	A	NONE
AD33983-004	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-004	10/21/22 10:05	LV	1	A	TPH
AD33983-004	10/21/22 13:02	R12	1	A	NONE
AD33983-004	10/22/22 05:36	JKR	1	A	p/p
AD33983-004	10/22/22 06:32	R12	1	A	NONE
AD33983-004	10/19/22 13:53	R30	2	A	NONE
AD33983-004	10/19/22 15:21	SG	2	A	GRO
AD33983-004	10/19/22 16:17	R30	2	A	NONE
AD33983-004	10/19/22 16:17	R31	3	A	NONE
AD33983-004	10/19/22 18:29	WP	3	M	GRO
AD33983-004	10/20/22 01:30	R31	3	A	NONE
AD33983-005	10/18/22 18:11	MAXW	0	M	Received
AD33983-005	10/19/22 09:08	MAXW	0	M	Login
AD33983-005	10/19/22 14:44	MB	1	A	mix
AD33983-005	10/19/22 18:13	R12	1	A	NONE
AD33983-005	10/19/22 13:53	R30	2	A	NONE
AD33983-005	10/19/22 15:20	SG	2	A	VOA
AD33983-005	10/19/22 16:17	R30	2	A	NONE
AD33983-006	10/18/22 18:11	MAXW	0	M	Received
AD33983-006	10/19/22 09:08	MAXW	0	M	Login
AD33983-006	10/19/22 14:44	MB	1	A	mix
AD33983-006	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-006	10/19/22 17:56	R12	1	A	NONE
AD33983-006	10/20/22 07:35	CN-RE	1	A	KB
AD33983-006	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-006	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-006	10/20/22 12:04	R12	1	A	NONE
AD33983-006	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-006	10/21/22 10:05	LV	1	A	TPH
AD33983-006	10/21/22 13:02	R12	1	A	NONE
AD33983-006	10/22/22 05:36	JKR	1	A	p/p
AD33983-006	10/22/22 06:32	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD33983-006	10/19/22 13:53	R30	2	A	NONE
AD33983-006	10/19/22 15:21	SG	2	A	GRO
AD33983-006	10/19/22 16:17	R30	2	A	NONE
AD33983-006	10/19/22 16:17	R31	3	A	NONE
AD33983-006	10/19/22 18:29	WP	3	M	GRO
AD33983-006	10/20/22 01:30	R31	3	A	NONE
AD33983-007	10/18/22 18:11	MAXW	0	M	Received
AD33983-007	10/19/22 09:08	MAXW	0	M	Login
AD33983-007	10/19/22 14:44	MB	1	A	mix
AD33983-007	10/19/22 18:13	R12	1	A	NONE
AD33983-007	10/19/22 13:53	R30	2	A	NONE
AD33983-007	10/19/22 15:20	SG	2	A	VOA
AD33983-007	10/19/22 16:17	R30	2	A	NONE
AD33983-008	10/18/22 18:11	MAXW	0	M	Received
AD33983-008	10/19/22 09:08	MAXW	0	M	Login
AD33983-008	10/19/22 14:44	MB	1	A	mix
AD33983-008	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-008	10/19/22 17:56	R12	1	A	NONE
AD33983-008	10/20/22 07:35	CN-RE	1	A	KB
AD33983-008	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-008	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-008	10/20/22 12:04	R12	1	A	NONE
AD33983-008	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-008	10/21/22 10:05	LV	1	A	TPH
AD33983-008	10/21/22 13:02	R12	1	A	NONE
AD33983-008	10/22/22 05:36	JKR	1	A	p/p
AD33983-008	10/22/22 06:32	R12	1	A	NONE
AD33983-008	10/19/22 13:53	R30	2	A	NONE
AD33983-008	10/19/22 15:21	SG	2	A	GRO
AD33983-008	10/19/22 16:17	R30	2	A	NONE
AD33983-008	10/19/22 16:17	R31	3	A	NONE
AD33983-008	10/19/22 18:29	WP	3	M	GRO
AD33983-008	10/20/22 01:30	R31	3	A	NONE
AD33983-009	10/18/22 18:11	MAXW	0	M	Received
AD33983-009	10/19/22 09:08	MAXW	0	M	Login
AD33983-009	10/19/22 14:44	MB	1	A	mix
AD33983-009	10/19/22 18:13	R12	1	A	NONE
AD33983-009	10/19/22 13:53	R30	2	A	NONE
AD33983-009	10/19/22 15:20	SG	2	A	VOA
AD33983-009	10/19/22 16:17	R30	2	A	NONE
AD33983-010	10/18/22 18:11	MAXW	0	M	Received
AD33983-010	10/19/22 09:08	MAXW	0	M	Login
AD33983-010	10/19/22 14:44	MB	1	A	mix
AD33983-010	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-010	10/19/22 17:56	R12	1	A	NONE
AD33983-010	10/20/22 07:35	CN-RE	1	A	KB
AD33983-010	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-010	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-010	10/20/22 12:04	R12	1	A	NONE
AD33983-010	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-010	10/21/22 10:05	LV	1	A	TPH
AD33983-010	10/21/22 13:02	R12	1	A	NONE
AD33983-010	10/22/22 05:36	JKR	1	A	p/p
AD33983-010	10/22/22 06:32	R12	1	A	NONE
AD33983-010	10/19/22 13:53	R30	2	A	NONE
AD33983-010	10/19/22 15:21	SG	2	A	GRO
AD33983-010	10/19/22 16:17	R30	2	A	NONE
AD33983-010	10/19/22 16:17	R31	3	A	NONE
AD33983-010	10/19/22 18:29	WP	3	M	GRO
AD33983-010	10/20/22 01:30	R31	3	A	NONE
AD33983-011	10/18/22 18:11	MAXW	0	M	Received
AD33983-011	10/19/22 09:08	MAXW	0	M	Login
AD33983-011	10/19/22 14:44	MB	1	A	mix
AD33983-011	10/19/22 18:13	R12	1	A	NONE
AD33983-011	10/19/22 13:53	R30	2	A	NONE
AD33983-011	10/19/22 15:20	SG	2	A	VOA
AD33983-011	10/19/22 16:17	R30	2	A	NONE
AD33983-012	10/18/22 18:11	MAXW	0	M	Received
AD33983-012	10/19/22 09:08	MAXW	0	M	Login
AD33983-012	10/19/22 14:44	MB	1	A	mix
AD33983-012	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-012	10/19/22 17:56	R12	1	A	NONE
AD33983-012	10/20/22 07:35	CN-RE	1	A	KB
AD33983-012	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-012	10/20/22 10:41	SDL	1	A	PAINTFILTER

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD33983-012	10/20/22 12:04	R12	1	A	NONE
AD33983-012	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-012	10/21/22 10:05	LV	1	A	TPH
AD33983-012	10/21/22 13:02	R12	1	A	NONE
AD33983-012	10/22/22 05:36	JKR	1	A	p/p
AD33983-012	10/22/22 06:32	R12	1	A	NONE
AD33983-012	10/19/22 13:53	R30	2	A	NONE
AD33983-012	10/19/22 15:21	SG	2	A	GRO
AD33983-012	10/19/22 16:17	R30	2	A	NONE
AD33983-012	10/19/22 16:17	R31	3	A	NONE
AD33983-012	10/19/22 18:29	WP	3	M	GRO
AD33983-012	10/20/22 01:30	R31	3	A	NONE
AD33983-013	10/18/22 18:11	MAXW	0	M	Received
AD33983-013	10/19/22 09:08	MAXW	0	M	Login
AD33983-013	10/19/22 14:44	MB	1	A	mix
AD33983-013	10/19/22 18:13	R12	1	A	NONE
AD33983-013	10/19/22 13:53	R30	2	A	NONE
AD33983-013	10/19/22 15:20	SG	2	A	VOA
AD33983-013	10/19/22 16:17	R30	2	A	NONE
AD33983-014	10/18/22 18:11	MAXW	0	M	Received
AD33983-014	10/19/22 09:08	MAXW	0	M	Login
AD33983-014	10/19/22 14:44	MB	1	A	mix
AD33983-014	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-014	10/19/22 17:56	R12	1	A	NONE
AD33983-014	10/20/22 07:35	CN-RE	1	A	KB
AD33983-014	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-014	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-014	10/20/22 12:04	R12	1	A	NONE
AD33983-014	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-014	10/21/22 10:05	LV	1	A	TPH
AD33983-014	10/21/22 13:02	R12	1	A	NONE
AD33983-014	10/22/22 05:36	JKR	1	A	p/p
AD33983-014	10/22/22 06:32	R12	1	A	NONE
AD33983-014	10/19/22 13:53	R30	2	A	NONE
AD33983-014	10/19/22 15:21	SG	2	A	GRO
AD33983-014	10/19/22 16:17	R30	2	A	NONE
AD33983-014	10/19/22 16:17	R31	3	A	NONE
AD33983-014	10/19/22 18:29	WP	3	M	GRO
AD33983-014	10/20/22 01:30	R31	3	A	NONE
AD33983-015	10/18/22 18:11	MAXW	0	M	Received
AD33983-015	10/19/22 09:08	MAXW	0	M	Login
AD33983-015	10/19/22 14:44	MB	1	A	mix
AD33983-015	10/19/22 18:13	R12	1	A	NONE
AD33983-015	10/19/22 13:53	R30	2	A	NONE
AD33983-015	10/19/22 15:20	SG	2	A	VOA
AD33983-015	10/19/22 16:17	R30	2	A	NONE
AD33983-016	10/18/22 18:11	MAXW	0	M	Received
AD33983-016	10/19/22 09:08	MAXW	0	M	Login
AD33983-016	10/19/22 14:44	MB	1	A	mix
AD33983-016	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-016	10/19/22 17:56	R12	1	A	NONE
AD33983-016	10/20/22 07:35	CN-RE	1	A	KB
AD33983-016	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-016	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-016	10/20/22 12:04	R12	1	A	NONE
AD33983-016	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-016	10/21/22 10:05	LV	1	A	TPH
AD33983-016	10/21/22 13:02	R12	1	A	NONE
AD33983-016	10/22/22 05:36	JKR	1	A	p/p
AD33983-016	10/22/22 06:32	R12	1	A	NONE
AD33983-016	10/19/22 13:53	R30	2	A	NONE
AD33983-016	10/19/22 15:21	SG	2	A	GRO
AD33983-016	10/19/22 16:17	R30	2	A	NONE
AD33983-016	10/19/22 16:17	R31	3	A	NONE
AD33983-016	10/19/22 18:29	WP	3	M	GRO
AD33983-016	10/20/22 01:30	R31	3	A	NONE
AD33983-017	10/18/22 18:11	MAXW	0	M	Received
AD33983-017	10/19/22 09:08	MAXW	0	M	Login
AD33983-017	10/19/22 14:44	MB	1	A	mix
AD33983-017	10/19/22 18:13	R12	1	A	NONE
AD33983-017	10/19/22 13:53	R30	2	A	NONE
AD33983-017	10/19/22 15:20	SG	2	A	VOA
AD33983-017	10/19/22 16:17	R30	2	A	NONE
AD33983-018	10/18/22 18:11	MAXW	0	M	Received
AD33983-018	10/19/22 09:08	MAXW	0	M	Login

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD33983-018	10/19/22 14:44	MB	1	A	mix
AD33983-018	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-018	10/19/22 17:56	R12	1	A	NONE
AD33983-018	10/20/22 07:35	CN-RE	1	A	KB
AD33983-018	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-018	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-018	10/20/22 12:04	R12	1	A	NONE
AD33983-018	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-018	10/21/22 10:05	LV	1	A	TPH
AD33983-018	10/21/22 13:02	R12	1	A	NONE
AD33983-018	10/22/22 05:36	JKR	1	A	p/p
AD33983-018	10/22/22 06:32	R12	1	A	NONE
AD33983-018	10/19/22 13:53	R30	2	A	NONE
AD33983-018	10/19/22 15:21	SG	2	A	GRO
AD33983-018	10/19/22 16:17	R30	2	A	NONE
AD33983-018	10/19/22 16:17	R31	3	A	NONE
AD33983-018	10/19/22 18:29	WP	3	M	GRO
AD33983-018	10/20/22 01:30	R31	3	A	NONE
AD33983-019	10/18/22 18:11	MAXW	0	M	Received
AD33983-019	10/19/22 09:08	MAXW	0	M	Login
AD33983-019	10/19/22 14:44	MB	1	A	mix
AD33983-019	10/19/22 18:13	R12	1	A	NONE
AD33983-019	10/19/22 13:53	R30	2	A	NONE
AD33983-019	10/19/22 15:20	SG	2	A	VOA
AD33983-019	10/19/22 16:17	R30	2	A	NONE
AD33983-020	10/18/22 18:11	MAXW	0	M	Received
AD33983-020	10/19/22 09:08	MAXW	0	M	Login
AD33983-020	10/19/22 14:44	MB	1	A	mix
AD33983-020	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-020	10/19/22 17:56	R12	1	A	NONE
AD33983-020	10/20/22 07:35	CN-RE	1	A	KB
AD33983-020	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-020	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-020	10/20/22 12:04	R12	1	A	NONE
AD33983-020	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-020	10/21/22 10:05	LV	1	A	TPH
AD33983-020	10/21/22 13:02	R12	1	A	NONE
AD33983-020	10/22/22 05:36	JKR	1	A	p/p
AD33983-020	10/22/22 06:32	R12	1	A	NONE
AD33983-020	10/19/22 13:53	R30	2	A	NONE
AD33983-020	10/19/22 15:21	SG	2	A	GRO
AD33983-020	10/19/22 16:17	R30	2	A	NONE
AD33983-020	10/19/22 16:17	R31	3	A	NONE
AD33983-020	10/19/22 18:29	WP	3	M	GRO
AD33983-020	10/20/22 01:30	R31	3	A	NONE
AD33983-021	10/18/22 18:11	MAXW	0	M	Received
AD33983-021	10/19/22 09:08	MAXW	0	M	Login
AD33983-021	10/19/22 14:44	MB	1	A	mix
AD33983-021	10/19/22 18:13	R12	1	A	NONE
AD33983-021	10/19/22 13:53	R30	2	A	NONE
AD33983-021	10/19/22 15:20	SG	2	A	VOA
AD33983-021	10/19/22 16:17	R30	2	A	NONE
AD33983-022	10/18/22 18:11	MAXW	0	M	Received
AD33983-022	10/19/22 09:08	MAXW	0	M	Login
AD33983-022	10/19/22 14:44	MB	1	A	mix
AD33983-022	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-022	10/19/22 17:56	R12	1	A	NONE
AD33983-022	10/20/22 07:35	CN-RE	1	A	KB
AD33983-022	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-022	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-022	10/20/22 12:04	R12	1	A	NONE
AD33983-022	10/21/22 08:17	PP/AT	1	A	S BAN
AD33983-022	10/21/22 10:05	LV	1	A	TPH
AD33983-022	10/21/22 13:02	R12	1	A	NONE
AD33983-022	10/22/22 05:36	JKR	1	A	p/p
AD33983-022	10/22/22 06:32	R12	1	A	NONE
AD33983-022	10/19/22 13:53	R30	2	A	NONE
AD33983-022	10/19/22 15:21	SG	2	A	GRO
AD33983-022	10/19/22 16:17	R30	2	A	NONE
AD33983-022	10/19/22 16:17	R31	3	A	NONE
AD33983-022	10/19/22 18:29	WP	3	M	GRO
AD33983-022	10/20/22 01:30	R31	3	A	NONE
AD33983-023	10/18/22 18:11	MAXW	0	M	Received
AD33983-023	10/19/22 09:08	MAXW	0	M	Login
AD33983-023	10/19/22 14:44	MB	1	A	mix

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD33983-023	10/19/22 18:13	R12	1	A	NONE
AD33983-023	10/19/22 13:53	R30	2	A	NONE
AD33983-023	10/19/22 15:20	SG	2	A	VOA
AD33983-023	10/19/22 16:17	R30	2	A	NONE
AD33983-024	10/18/22 18:11	MAXW	0	M	Received
AD33983-024	10/19/22 09:08	MAXW	0	M	Login
AD33983-024	10/19/22 14:44	MB	1	A	mix
AD33983-024	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-024	10/19/22 17:56	R12	1	A	NONE
AD33983-024	10/20/22 07:35	CN-RE	1	A	KB
AD33983-024	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-024	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-024	10/20/22 12:04	R12	1	A	NONE
AD33983-024	10/21/22 08:17	PPIAT	1	A	S BAN
AD33983-024	10/21/22 10:05	LV	1	A	TPH
AD33983-024	10/21/22 13:02	R12	1	A	NONE
AD33983-024	10/22/22 05:36	JKR	1	A	p/p
AD33983-024	10/22/22 06:32	R12	1	A	NONE
AD33983-024	10/19/22 13:53	R30	2	A	NONE
AD33983-024	10/19/22 15:21	SG	2	A	GRO
AD33983-024	10/19/22 16:17	R30	2	A	NONE
AD33983-024	10/19/22 16:17	R31	3	A	NONE
AD33983-024	10/19/22 18:29	WP	3	M	GRO
AD33983-024	10/20/22 01:30	R31	3	A	NONE
AD33983-025	10/18/22 18:11	MAXW	0	M	Received
AD33983-025	10/19/22 09:08	MAXW	0	M	Login
AD33983-025	10/19/22 14:44	MB	1	A	mix
AD33983-025	10/19/22 18:13	R12	1	A	NONE
AD33983-025	10/19/22 13:53	R30	2	A	NONE
AD33983-025	10/19/22 15:20	SG	2	A	VOA
AD33983-025	10/19/22 16:17	R30	2	A	NONE
AD33983-026	10/18/22 18:11	MAXW	0	M	Received
AD33983-026	10/19/22 09:08	MAXW	0	M	Login
AD33983-026	10/19/22 14:44	MB	1	A	mix
AD33983-026	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-026	10/19/22 17:56	R12	1	A	NONE
AD33983-026	10/20/22 07:35	CN-RE	1	A	KB
AD33983-026	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-026	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-026	10/20/22 12:04	R12	1	A	NONE
AD33983-026	10/21/22 08:17	PPIAT	1	A	S BAN
AD33983-026	10/21/22 10:05	LV	1	A	TPH
AD33983-026	10/21/22 13:02	R12	1	A	NONE
AD33983-026	10/22/22 05:36	JKR	1	A	p/p
AD33983-026	10/22/22 06:32	R12	1	A	NONE
AD33983-026	10/19/22 13:53	R30	2	A	NONE
AD33983-026	10/19/22 15:21	SG	2	A	GRO
AD33983-026	10/19/22 16:17	R30	2	A	NONE
AD33983-026	10/19/22 16:17	R31	3	A	NONE
AD33983-026	10/19/22 18:29	WP	3	M	GRO
AD33983-026	10/20/22 01:30	R31	3	A	NONE
AD33983-027	10/18/22 18:11	MAXW	0	M	Received
AD33983-027	10/19/22 09:08	MAXW	0	M	Login
AD33983-027	10/19/22 14:44	MB	1	A	mix
AD33983-027	10/19/22 18:13	R12	1	A	NONE
AD33983-027	10/19/22 13:53	R30	2	A	NONE
AD33983-027	10/19/22 15:20	SG	2	A	VOA
AD33983-027	10/19/22 16:17	R30	2	A	NONE
AD33983-028	10/18/22 18:11	MAXW	0	M	Received
AD33983-028	10/19/22 09:08	MAXW	0	M	Login
AD33983-028	10/19/22 14:44	MB	1	A	mix
AD33983-028	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-028	10/19/22 17:56	R12	1	A	NONE
AD33983-028	10/20/22 07:35	CN-RE	1	A	KB
AD33983-028	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-028	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-028	10/20/22 12:04	R12	1	A	NONE
AD33983-028	10/21/22 08:17	PPIAT	1	A	S BAN
AD33983-028	10/21/22 10:05	LV	1	A	TPH
AD33983-028	10/21/22 13:02	R12	1	A	NONE
AD33983-028	10/22/22 05:36	JKR	1	A	p/p
AD33983-028	10/22/22 06:32	R12	1	A	NONE
AD33983-028	10/19/22 13:53	R30	2	A	NONE
AD33983-028	10/19/22 15:21	SG	2	A	GRO
AD33983-028	10/19/22 16:17	R30	2	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD33983-028	10/19/22 16:17	R31	3	A	NONE
AD33983-028	10/19/22 18:29	WP	3	M	GRO
AD33983-028	10/20/22 01:30	R31	3	A	NONE
AD33983-029	10/18/22 18:11	MAXW	0	M	Received
AD33983-029	10/19/22 09:08	MAXW	0	M	Login
AD33983-029	10/19/22 18:13	R12	1	A	NONE
AD33983-029	10/19/22 13:53	R30	2	A	NONE
AD33983-029	10/19/22 15:20	SG	2	A	VOA
AD33983-029	10/19/22 16:17	R30	2	A	NONE
AD33983-030	10/18/22 18:11	MAXW	0	M	Received
AD33983-030	10/19/22 09:08	MAXW	0	M	Login
AD33983-030	10/19/22 14:44	MB	1	A	mix
AD33983-030	10/19/22 16:55	ER	1	M	TCLP EXTRACTION
AD33983-030	10/19/22 17:56	R12	1	A	NONE
AD33983-030	10/20/22 07:35	CN-RE	1	A	KB
AD33983-030	10/20/22 09:15	SDL	1	A	PH/IGNIT
AD33983-030	10/20/22 10:41	SDL	1	A	PAINTFILTER
AD33983-030	10/20/22 12:04	R12	1	A	NONE
AD33983-030	10/21/22 08:17	PPIAT	1	A	S BAN
AD33983-030	10/21/22 10:05	LV	1	A	TPH
AD33983-030	10/21/22 13:02	R12	1	A	NONE
AD33983-030	10/22/22 05:36	JKR	1	A	p/p
AD33983-030	10/22/22 06:32	R12	1	A	NONE
AD33983-030	10/19/22 13:53	R30	2	A	NONE
AD33983-030	10/19/22 15:21	SG	2	A	GRO
AD33983-030	10/19/22 16:17	R30	2	A	NONE
AD33983-030	10/19/22 16:17	R31	3	A	NONE
AD33983-030	10/19/22 18:29	WP	3	M	GRO
AD33983-030	10/20/22 01:30	R31	3	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Volatile Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD33983-001
Client Id: SP-2-01
Data File: 6M160687.D
Analysis Date: 10/20/22 00:30
Date Rec/Extracted: 10/18/22-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Soil
Initial Vol: 5.46g
Final Vol: NA
Dilution: 0.916
Solids: 93

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0020	U	108-90-7	Chlorobenzene	0.0020	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0020	U	75-00-3	Chloroethane	0.0020	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0020	U	67-66-3	Chloroform	0.0020	U
79-00-5	1,1,2-Trichloroethane	0.0020	U	74-87-3	Chloromethane	0.0020	U
75-34-3	1,1-Dichloroethane	0.0020	U	156-59-2	cis-1,2-Dichloroethene	0.0020	U
75-35-4	1,1-Dichloroethene	0.0020	U	10061-01-5	cis-1,3-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0020	U	110-82-7	Cyclohexane	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.0020	U	124-48-1	Dibromochloromethane	0.0020	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0020	U	75-71-8	Dichlorodifluoromethane	0.0020	U
106-93-4	1,2-Dibromoethane	0.00064	U	100-41-4	Ethylbenzene	0.00098	U
95-50-1	1,2-Dichlorobenzene	0.0020	U	98-82-8	Isopropylbenzene	0.00098	U
107-06-2	1,2-Dichloroethane	0.0020	U	79601-23-1	m&p-Xylenes	0.0014	U
78-87-5	1,2-Dichloropropane	0.0020	U	79-20-9	Methyl Acetate	0.0020	U
541-73-1	1,3-Dichlorobenzene	0.0020	U	108-87-2	Methylcyclohexane	0.0020	U
106-46-7	1,4-Dichlorobenzene	0.0020	U	75-09-2	Methylene Chloride	0.0020	U
123-91-1	1,4-Dioxane	0.098	U	1634-04-4	Methyl-t-butyl ether	0.00098	U
78-93-3	2-Butanone	0.0020	U	95-47-6	o-Xylene	0.00098	U
591-78-6	2-Hexanone	0.0020	U	100-42-5	Styrene	0.0020	U
108-10-1	4-Methyl-2-Pentanone	0.0020	U	75-65-0	t-Butyl Alcohol	0.0098	U
67-64-1	Acetone	0.0098	U	127-18-4	Tetrachloroethene	0.0020	U
71-43-2	Benzene	0.00098	U	108-88-3	Toluene	0.00098	U
74-97-5	Bromochloromethane	0.0020	U	156-60-5	trans-1,2-Dichloroethene	0.0020	U
75-27-4	Bromodichloromethane	0.0020	U	10061-02-6	trans-1,3-Dichloropropene	0.0020	U
75-25-2	Bromoform	0.0020	U	79-01-6	Trichloroethene	0.0020	U
74-83-9	Bromomethane	0.0020	U	75-69-4	Trichlorofluoromethane	0.0020	U
75-15-0	Carbon Disulfide	0.0020	U	75-01-4	Vinyl Chloride	0.0020	U
56-23-5	Carbon Tetrachloride	0.0020	U	1330-20-7	Xylenes (Total)	0.00098	U

Worksheet #: 662430 *Total Target Concentration* 0 ColumnID: (*) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

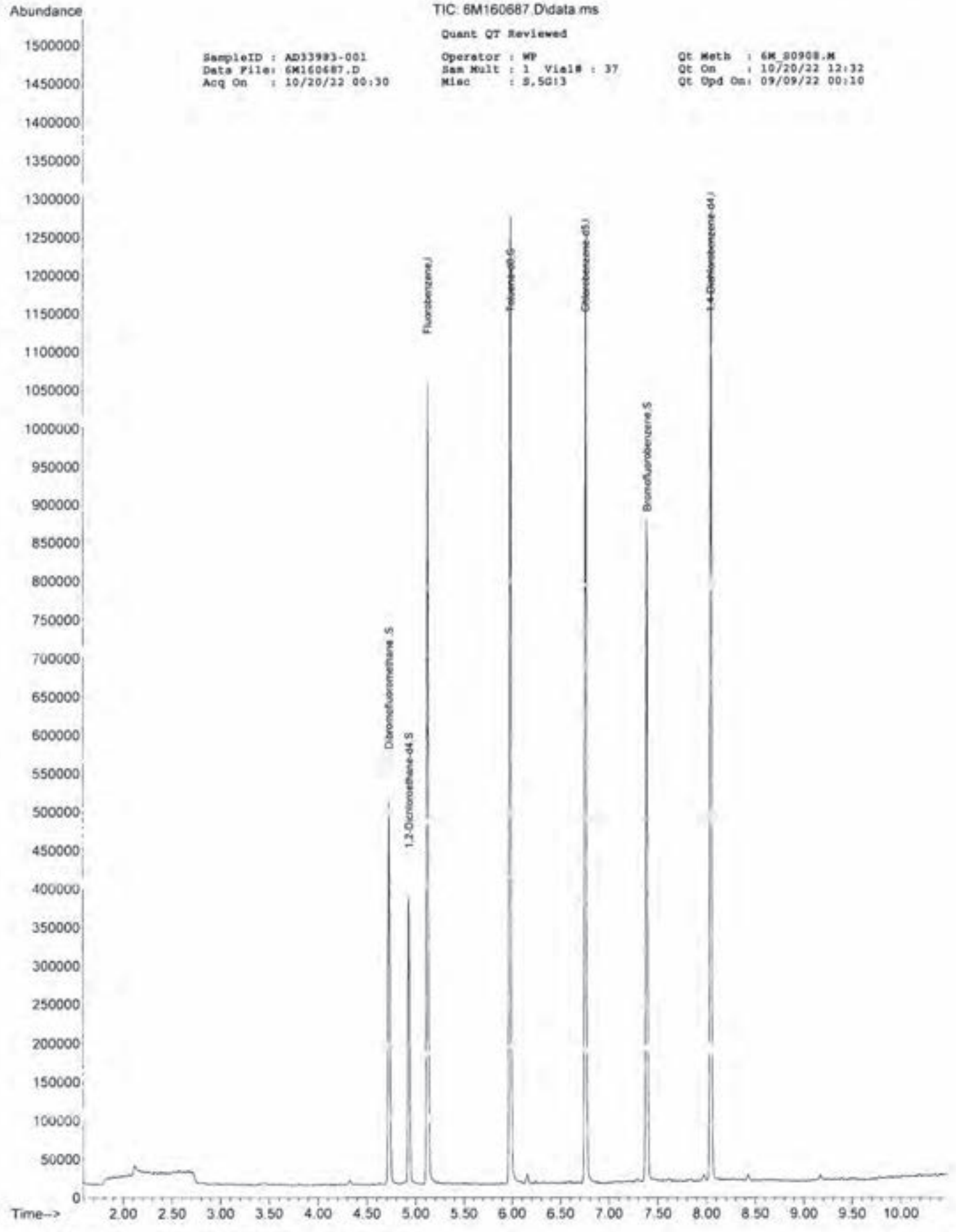
Quantitation Report (QT Reviewed)

SampleID : AD33983-001 Operator : WP Qt Meth : 6M_S0908.M
Data File: 6M160687.D Sam Mult : 1 Vial# : 37 Qt On : 10/20/22 12:32
Acq On : 10/20/22 00:30 Misc : S,SG!3 Qt Upd On: 09/09/22 00:10

Data Path : G:\GcMsData\2022\GCMS_6\Data\10-19-22\
Qt Path : G:\GcMsData\2022\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.123	96	613700	30.00	ug/l	0.00
52) Chlorobenzene-d5	6.757	117	508802	30.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	8.043	152	265671	30.00	ug/l	0.00
System Monitoring Compounds						
37) Dibromofluoromethane	4.727	111	185266	30.87	ug/l	0.00
Spiked Amount 30.000			Recovery	=	102.90%	
39) 1,2-Dichloroethane-d4	4.934	67	87914	30.09	ug/l	0.00
Spiked Amount 30.000			Recovery	=	100.30%	
66) Toluene-d8	5.983	98	587588	31.10	ug/l	0.00
Spiked Amount 30.000			Recovery	=	103.67%	
76) Bromofluorobenzene	7.391	174	197184	30.35	ug/l	0.00
Spiked Amount 30.000			Recovery	=	101.17%	
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed



6M_S0908.M Tue Oct 25 11:20:42 2022 RPT1 Page: 1

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD33983-003
Client Id: SP-2-02
Data File: 6M160688.D
Analysis Date: 10/20/22 00:52
Date Rec/Extracted: 10/18/22-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Soil
Initial Vol: 5.13g
Final Vol: NA
Dilution: 0.975
Solids: 95

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0021	U	108-90-7	Chlorobenzene	0.0021	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0021	U	75-00-3	Chloroethane	0.0021	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0021	U	67-66-3	Chloroform	0.0021	U
79-00-5	1,1,2-Trichloroethane	0.0021	U	74-87-3	Chloromethane	0.0021	U
75-34-3	1,1-Dichloroethane	0.0021	U	156-59-2	cis-1,2-Dichloroethene	0.0021	U
75-35-4	1,1-Dichloroethene	0.0021	U	10061-01-5	cis-1,3-Dichloropropene	0.0021	U
87-61-6	1,2,3-Trichlorobenzene	0.0021	U	110-82-7	Cyclohexane	0.0021	U
120-82-1	1,2,4-Trichlorobenzene	0.0021	U	124-48-1	Dibromochloromethane	0.0021	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0021	U	75-71-8	Dichlorodifluoromethane	0.0021	U
106-93-4	1,2-Dibromoethane	0.00067	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0021	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0021	U	79601-23-1	m&p-Xylenes	0.0015	U
78-87-5	1,2-Dichloropropane	0.0021	U	79-20-9	Methyl Acetate	0.0021	U
541-73-1	1,3-Dichlorobenzene	0.0021	U	108-87-2	Methylcyclohexane	0.0021	U
106-46-7	1,4-Dichlorobenzene	0.0021	U	75-09-2	Methylene Chloride	0.0021	U
123-91-1	1,4-Dioxane	0.10	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
78-93-3	2-Butanone	0.0021	U	95-47-6	o-Xylene	0.0010	U
591-78-6	2-Hexanone	0.0021	U	100-42-5	Styrene	0.0021	U
108-10-1	4-Methyl-2-Pentanone	0.0021	U	75-65-0	t-Butyl Alcohol	0.010	U
67-64-1	Acetone	0.010	U	127-18-4	Tetrachloroethene	0.0021	U
71-43-2	Benzene	0.0010	U	108-88-3	Toluene	0.0010	U
74-97-5	Bromochloromethane	0.0021	U	156-60-5	trans-1,2-Dichloroethene	0.0021	U
75-27-4	Bromodichloromethane	0.0021	U	10061-02-6	trans-1,3-Dichloropropene	0.0021	U
75-25-2	Bromoform	0.0021	U	79-01-6	Trichloroethene	0.0021	U
74-83-9	Bromomethane	0.0021	U	75-69-4	Trichlorofluoromethane	0.0021	U
75-15-0	Carbon Disulfide	0.0021	U	75-01-4	Vinyl Chloride	0.0021	U
56-23-5	Carbon Tetrachloride	0.0021	U	1330-20-7	Xylenes (Total)	0.0010	U

Worksheet #: 662430 *Total Target Concentration* 0 ColumnID: ( ) indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.
Chlordane (Total) is sum of a-Chlordane and g-Chlordane.

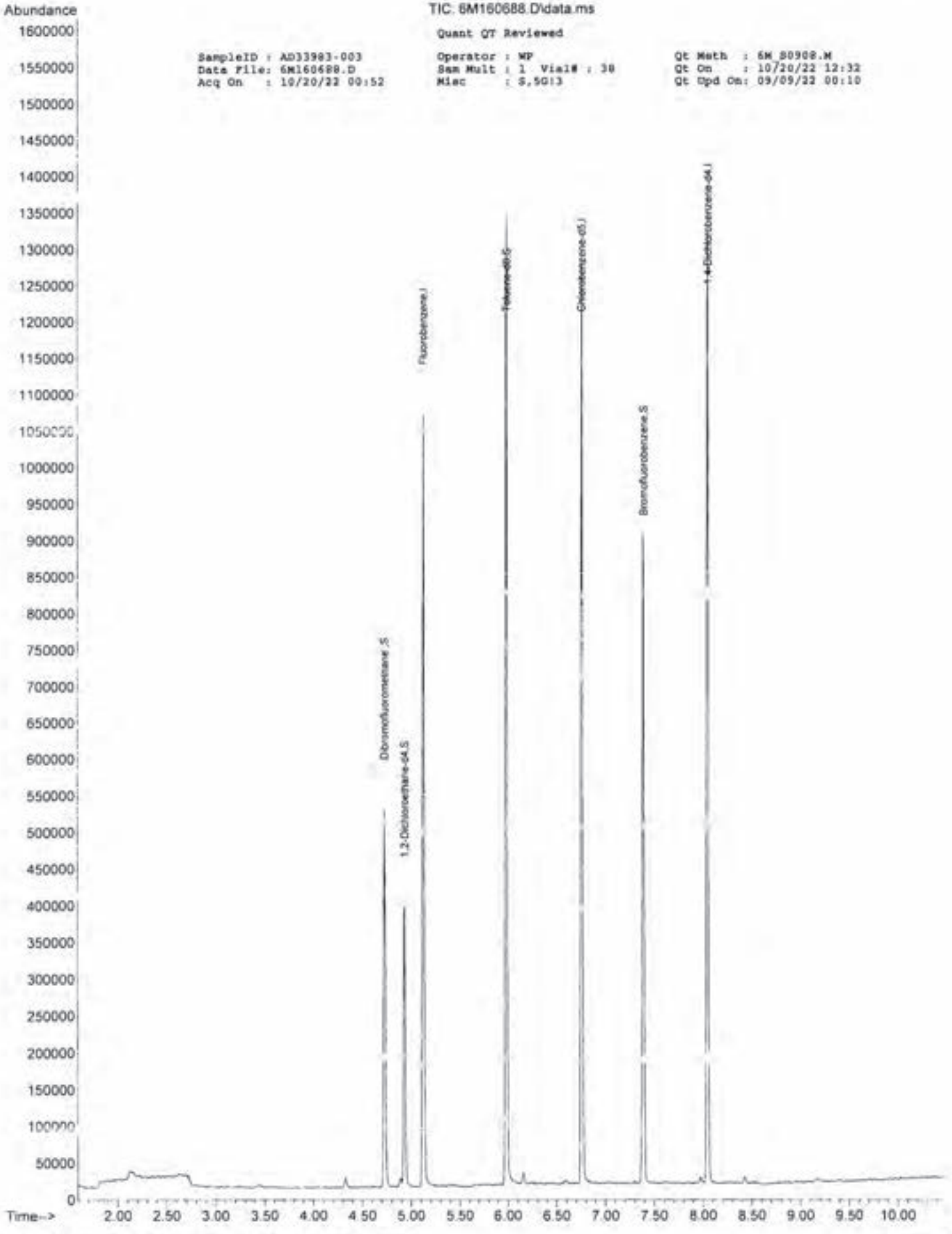
Quantitation Report (QT Reviewed)

SampleID : AD33983-003 Operator : WP Qt Meth : 6M_S0908.M
Data File: 6M160688.D Sam Mult : 1 Vial# : 38 Qt On : 10/20/22 12:32
Acq On : 10/20/22 00:52 Misc : S,5G!3 Qt Upd On: 09/09/22 00:10

Data Path : G:\GcMsData\2022\GCMS_6\Data\10-19-22\
Qt Path : G:\GcMsData\2022\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Max)
Internal Standards						
4) Fluorobenzene	5.123	96	632235	30.00	ug/l	0.00
52) Chlorobenzene-d5	6.757	117	531232	30.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	8.049	152	279211	30.00	ug/l	0.00
System Monitoring Compounds						
37) Dibromofluoromethane	4.727	111	193317	31.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.23%			
39) 1,2-Dichloroethane-d4	4.934	67	89605	29.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.23%			
66) Toluene-d8	5.983	98	614998	31.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.93%			
76) Bromofluorobenzene	7.391	174	204611	29.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.87%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed



6M_S0908.M Tue Oct 25 11:20:45 2022 RPT1 Page: 1

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD33983-005
Client Id: SP-2-03
Data File: 6M160689.D
Analysis Date: 10/20/22 01:14
Date Rec/Extracted: 10/18/22-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Soil
Initial Vol: 5.04g
Final Vol: NA
Dilution: 0.992
Solids: 97

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0020	U	108-90-7	Chlorobenzene	0.0020	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0020	U	75-00-3	Chloroethane	0.0020	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0020	U	67-66-3	Chloroform	0.0020	U
79-00-5	1,1,2-Trichloroethane	0.0020	U	74-87-3	Chloromethane	0.0020	U
75-34-3	1,1-Dichloroethane	0.0020	U	156-59-2	cis-1,2-Dichloroethene	0.0020	U
75-35-4	1,1-Dichloroethene	0.0020	U	10061-01-5	cis-1,3-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0020	U	110-82-7	Cyclohexane	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.0020	U	124-48-1	Dibromochloromethane	0.0020	U
96-12-8	1,2-Dibromo-3-Chloropropa	0.0020	U	75-71-8	Dichlorodifluoromethane	0.0020	U
106-93-4	1,2-Dibromoethane	0.00066	U	100-41-4	Ethylbenzene	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0020	U	98-82-8	Isopropylbenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0020	U	79601-23-1	m&p-Xylenes	0.0015	U
78-87-5	1,2-Dichloropropane	0.0020	U	79-20-9	Methyl Acetate	0.0020	U
541-73-1	1,3-Dichlorobenzene	0.0020	U	108-87-2	Methylcyclohexane	0.0020	U
106-46-7	1,4-Dichlorobenzene	0.0020	U	75-09-2	Methylene Chloride	0.0020	U
123-91-1	1,4-Dioxane	0.10	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
78-93-3	2-Butanone	0.0020	U	95-47-6	o-Xylene	0.0010	U
591-78-6	2-Hexanone	0.0020	U	100-42-5	Styrene	0.0020	U
108-10-1	4-Methyl-2-Pentanone	0.0020	U	75-65-0	t-Butyl Alcohol	0.010	U
67-64-1	Acetone	0.010	U	127-18-4	Tetrachloroethene	0.0020	U
71-43-2	Benzene	0.0010	U	108-88-3	Toluene	0.0010	U
74-97-5	Bromochloromethane	0.0020	U	156-60-5	trans-1,2-Dichloroethene	0.0020	U
75-27-4	Bromodichloromethane	0.0020	U	10061-02-6	trans-1,3-Dichloropropene	0.0020	U
75-25-2	Bromoform	0.0020	U	79-01-6	Trichloroethene	0.0020	U
74-83-9	Bromomethane	0.0020	U	75-69-4	Trichlorofluoromethane	0.0020	U
75-15-0	Carbon Disulfide	0.0020	U	75-01-4	Vinyl Chloride	0.0020	U
56-23-5	Carbon Tetrachloride	0.0020	U	1330-20-7	Xylenes (Total)	0.0010	U

Worksheet #: 662430 *Total Target Concentration* 0 ColumnID: (*) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between column [illegible] values. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

SampleID : AD13983-005 Operator : WP Qt Meth : [illegible]508.M
Data File: 6M160689.D Sam Mult : 1 Vial# : 39 Qt On : 10/20/22 12:32
Acq On : 10/20/22 01:14 Misc : S,5G!3 Qt Upd On: 09/09/22 00:10

Data Path : G:\GcMsData\2022\GCMS_6\Data\10-19-22\
Qt Path : G:\GcMsData\2022\GCMS_6\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.123	96	631653	30.00	ug/l	0.00
52) Chlorobenzene-d5	6.757	117	533396	30.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	8.043	152	277672	30.00	ug/l	0.00
System Monitoring Compounds						
37) Dibromofluoromethane	4.727	111	192980	31.24	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.13%			
39) 1,2-Dichloroethane-d4	4.934	67	88904	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
66) Toluene-d8	5.983	98	603919	30.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.63%			
76) Bromofluorobenzene	7.391	174	208113	30.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.17%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Appendix B

Field Book Contents

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-1
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Notes:
CS-1 collected as composite of TP-1 (0-4) and TP-2 (0-4)
CS-1-G3 collected as VOC grab from TP-1(2-3)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-2
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1 — 2	N/A	N/A	0.0	Brown silty sand and gravel, some roots. No odors or staining, dry.
3 — 4	N/A	N/A	0.6	Brown silty sand and gravel. No odors or staining, dry.

Notes:
CS-1 collected as composite of TP-1 (0-4) and TP-2 (0-4)
CS-1-G3 collected as VOC grab from TP-1(2-3)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-3
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1 — 2	N/A	N/A	0.0	Brown fine grained sand, some roots. No odors or staining, dry.
3 — 4	N/A	N/A	0.0	Brown fine grained sand, some roots. No odors or staining, dry.

Notes:
CS-2 collected as composite of TP-3 (0-4) and TP-4 (0-4)
CS-2-G3 collected as VOC grab from TP-3(2-3)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-4
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1 — 2	N/A	N/A	0.0	Brown fine grained sand. No odors or staining, dry.
3 — 4	N/A	N/A	0.0	Brown fine grained sand. No odors or staining, dry.

Notes:
CS-2 collected as composite of TP-3 (0-4) and TP-4 (0-4)
CS-2-G3 collected as VOC grab from TP-3(2-3)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-5
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1 — 2	N/A	N/A	0.0	Tan/brown fine grained sand, some roots. No odors or staining, dry.
3 — 4	N/A	N/A	0.0	Brown medium to coarse grained sand. No odors or staining, dry.

Notes:
CS-3 collected as composite of TP-5 (0-4) and TP-6 (0-4)
CS-3-G5 collected as VOC grab from TP-6(0-1)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-6
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1 — 2	N/A	N/A	0.0	Brown fine to coarse grained sand. No odors or staining, dry.
3 — 4	N/A	N/A	0.0	Brown fine to coarse grained sand. No odors or staining, dry.

Notes:
CS-3 collected as composite of TP-5 (0-4) and TP-6 (0-4)
CS-3-G5 collected as VOC grab from TP-6(0-1)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-7
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown fine to medium grained sand, some roots. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown fine to medium grained sand, some roots. No odors or staining, dry.
4			0.0	

Notes:
CS-4 collected as composite of TP-7(0-4)
CS-4-G1 collected as VOC grab from TP-7 (0-0.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-8
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Bill Schlageter
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Notes:
CS-22 collected as composite of TP-8(0-4) and TP-15(0-4)
CS-22-G7 collected as VOC grab from TP-15(2-3)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-9
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Bill Schlageter
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, brick, wood, concrete. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel, brick, wood, concrete. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Black/brown silty sand and gravel, brick, concrete, slight petroleum odor
6			0.0	
7	N/A	N/A	0.0	Black/brown silty sand and gravel, brick, concrete. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Black/brown silty sand and gravel, brick, concrete. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Medium grained sand, some silt, glass. No odors or staining, dry.
12			0.0	

Notes:
CS-19 collected as composite of TP-9(0-4)
CS-19-G1 collected as VOC grab from TP-9(0-1)
CS-20 collected as composite of TP-9(4-8)
CS-20-G5 collected as VOC grab from TP-9(4-5)
CS-21 collected as composite of TP-9(8-12)
CS-21-G11 collected as VOC grab from TP-9(10-11)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-10
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Bill Schlageter
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown/black silty sand and gravel, brick, concrete fill. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black silty sand and gravel, brick, concrete fill. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black silty sand and gravel, brick, concrete fill. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black silty sand and gravel, brick, concrete fill. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Gray/black medium grained sand and gravel. No odors or staining, dry.
12			0.0	

Notes:
CS-16 collected as composite of TP-10(0-4)
CS-16-G3 collected as VOC grab from TP-10(2-3)
CS-17 collected as composite of TP-10(4-8)
CS-17-G8 collected as VOC grab from TP-10(7-8)
CS-18 collected as composite of TP-10(8-12)
CS-18-G10 collected as VOC grab from TP-10(9-10)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-11
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown medium grained sand, some gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.1	Gray/black medium grained sand and gravel. Organic / sewage odor. No staining, dry.
4			0.1	
5	N/A	N/A	0.0	Gray/black medium grained sand and gravel. Organic / sewage odor. No staining, dry.
6			0.0	
7	N/A	N/A	0.0	Gray/black medium grained sand and gravel. Organic / sewage odor. No staining, dry.
8			0.0	
9	N/A	N/A	0.0	Gray/black medium grained sand and gravel. Organic / sewage odor. No staining, dry.
10			0.0	
11	N/A	N/A	0.0	Gray/black medium grained sand and gravel, some brick. Organic / sewage odor. No staining, dry.
12			0.0	

Notes:
CS-13 collected as composite of TP-11(0-4)
CS-13-G4 collected as VOC grab from TP-11(3-4)
CS-14 collected as composite of TP-11(4-8)
CS-14-G2 collected as VOC grab from TP-11(5-6)
CS-14 collected as composite of TP-11(8-12)
CS-14-G2 collected as VOC grab from TP-11(9-10)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-12
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Dark brown medium grained sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Black medium grained sand and gravel. Organic / sewage odor. No staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black fine to coarse grained sand and gravel. Organic / sewage odor. No staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black fine to coarse grained sand and gravel. Organic / sewage odor. No staining, dry.
8			0.0	
9	N/A	N/A	0.1	Brown/black fine to coarse grained sand and gravel. Organic / sewage odor. No staining, dry.
10			1.2	
11	N/A	N/A	0.2	Brown/gray silty sand , some gravel and brick, glass. No odors or staining, dry.
12			0.2	

Notes:
CS-10 collected as composite of TP-12(0-4)
CS-10-G7 collected as VOC grab from TP-12(3-3.5)
CS-11 collected as composite of TP-12(4-8)
CS-11-G8 collected as VOC grab from TP-12(7.5-8)
CS-12 collected as composite of TP-12(8-12)
CS-12-G7 collected as VOC grab from TP-12(11-11.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-13
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.3	Brown/black fine to coarse sand and gravel. Organic / sewage odor. No staining, dry.
2			0.5	
3	N/A	N/A	0.7	Brown/black fine to coarse sand and gravel. Organic / sewage odor. No staining, dry.
4			1.2	
5	N/A	N/A	0.4	Brown/black fine to coarse sand and gravel. Organic / sewage odor. No staining, dry.
6			0.0	
7	N/A	N/A	10.3	Brown/gray fine to coarse grained sand and gravel. No odors or staining, dry.
8			0.2	
9	N/A	N/A	0.1	Brown/gray fine to coarse grained sand and gravel. No odors or staining, dry.
10			0.2	
11	N/A	N/A	0.0	Brown/black sand, some gravel. No odors or staining, dry.

Notes:
CS-8 collected as composite of TP-13(0-5)
CS-8-G5 collected as VOC grab from TP-13(2-2.5)
CS-9 collected as composite of TP-13(5-11)
CS-9-G3 collected as VOC grab from TP-13(6-6.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 11, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-14
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/11/26
FINISH DATE: 8/11/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown medium to coarse grained sand. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Gray fine to coarse grained sand, gravel, brick. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.2	Brown fine grained sand, some roots. No odors or staining, dry.
6			0.1	
7	N/A	N/A	0.1	Brown silty sand with gravel. No odors or staining, dry.
8			0.1	
9	N/A	N/A	0.1	Brown/gray silty sand, some gravel and brick. No odors or staining, dry.
10			1.2	
11	N/A	N/A	0.2	Brown/gray silty sand, some gravel and brick, glass. No odors or staining, dry.
12			0.2	

Notes:
CS-5 collected as composite of TP-14 (0-4)
CS-5-G2 collected as VOC grab from TP-14(0.5-1)
CS-6 collected as composite of TP-14 (4-8)
CS-6-G3 collected as VOC grab from TP-14(6-6.5)
CS-7 collected as composite of TP-14 (8-12)
CS-7-G6 collected as VOC grab from TP-14(10.5-11)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-15
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Bill Schlageter
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Notes:
CS-22 collected as composite of TP-8(0-4) and TP-15(0-4)
CS-22-G7 collected as VOC grab from TP-15(2-3)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-16
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel, brick. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black sand and gravel, brick. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black sand and gravel, brick. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black sand and gravel, brick. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown/black sand and gravel, brick. No odors or staining, dry.

Notes:
CS-23 collected as composite of TP-16(0-5)
CS-23-G7 collected as VOC grab from TP-16(4-4.5)
CS-24 collected as composite of TP-16(5-11)
CS-24-G1 collected as VOC grab from TP-16(5-5.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-17
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, some brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Black/brown silt, sand, some gravel. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black silt, gravel, cobbles. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black silt, gravel, cobbles. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black silty sand, cobbles, gravel. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown/black silty sand, cobbles, gravel. No odors or staining, dry.
12			0.0	

Notes:
CS-25 collected as composite of TP-17(0-4)
CS-25-G8 collected as VOC grab from TP-17(3.5-4)
CS-26 collected as composite of TP-17(4-8)
CS-26-G2 collected as VOC grab from TP-17(4.5-5)
CS-27 collected as composite of TP-17(8-12)
CS-27-G2 collected as VOC grab from TP-17(8.5-9)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements

LOCATION: Flatlands Avenue

DATE: August 12, 2026

PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-18

GROUNDWATER SAMPLE ID: N/A

SHEET 1 **OF** 1

BORING LOCATION:

LOGGED BY: Esther Schonfeld

GROUND SURFACE ELEVATION:

SAMPLING METHOD: Continuous Sampling to required elevations

START DATE: 8/12/26

FINISH DATE: 8/12/26

DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, some brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Black/brown silt, sand, some gravel. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black silt, gravel, cobbles. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black silt, gravel, cobbles. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black silty sand, cobbles, gravel. No odors or staining, dry.
10			0.0	

Notes:
CS-28 collected as composite of TP-18(0-5)
CS-28-G6 collected as VOC grab from TP-18(4-5)
CS-29 collected as composite of TP-18(5-10)
CS-29-G7 collected as VOC grab from TP-18(9-10)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-19
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown isilty sand and gravel, cobbles and brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black fine/silty sand, gravel, cobbles. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black fine/silty sand, gravel, cobbles. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black fine/silty sand, gravel, cobbles. No odors or staining, dry. Light gray fine grained sand at bottom.
10			0.0	
11			0.0	

Notes:
CS-30 collected as composite of TP-19(0-5)
CS-30-G4 collected as VOC grab from TP-19(1.5-2)
CS-31 collected as composite of TP-19(5-10)
CS-31-G5 collected as VOC grab from TP-19(6-6.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-20
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown sand and gravel, cobble/brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black fine to coarse sand and silt, gravel, cobbles. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black fine/silty sand, gravel, cobbles. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black fine/silty sand, gravel, cobbles. No odors or staining, dry.
10			0.0	

Notes:
CS-32 collected as composite of TP-20(0-5)
CS-32-G3 collected as VOC grab from TP-20(2-2.5)
CS-33 collected as composite of TP-20(5-10)
CS-33-G1 collected as VOC grab from TP-20(5-5.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-21
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown fine grained sand, some roots. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Light brown fine, medium grained sand, gravel. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Light brown medium to coarse grained sand gravel. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Dark brown medium to coarse grained sand, cobbles. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Dark brown medium to coarse grained sand, cobbles. No odors or staining, dry.
12			0.0	
13	N/A	N/A	0.0	Dark brown medium to coarse grained sand, cobbles. No odors or staining,

Notes:
CS-34 collected as composite of TP-21(0-4)
CS-34-G8 collected as VOC grab from TP-21(3.5-4)
CS-35 collected as composite of TP-21(4-8)
CS-35-G4 collected as VOC grab from TP-21(5.5-6)
CS-36 collected as composite of TP-21(8-13)
CS-36-G1 collected as VOC grab from TP-21(8-8.5)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-22
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown fine grained sand, some roots. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	

Notes:
CS-45 collected as composite of TP-22(0-4)
CS-45-G3 collected as VOC grab from TP-22(3.5-4)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-23
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand, gravel, brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	6.0	Brown/black sand and gravel, brick/glass. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black sand and gravel, brick/glass. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black sand and gravel, brick/glass. No odors or staining, dry.
10			0.0	

Notes:
CS-43 collected as composite of TP-23(0-5)
CS-43-G1 collected as VOC grab from TP-23(0-0.5)
CS-44 collected as composite of TP-23(5-10)
CS-44-G2 collected as VOC grab from TP-23(5.5-6)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-24
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand, gravel, brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Black sand, gravel, brick. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Black sand, gravel, brick. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Black sand, gravel, brick. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Black sand, gravel, brick. No odors or staining, dry.

Notes:
CS-41 collected as composite of TP-24(0-5)
CS-41-G5 collected as VOC grab from TP-24(2-2.5)
CS-42 collected as composite of TP-24(5-11)
CS-42-G4 collected as VOC grab from TP-24(8-9)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-25
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown fine to coarse silty sand, gravel, concrete. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Black/brown fine to coarse silty sand, gravel, concrete. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Black/brown fine to coarse silty sand, gravel, concrete. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Black/brown fine to coarse silty sand, gravel, concrete. No odors or staining, dry.
10			0.0	

Notes:
CS-39 collected as composite of TP-25(0-5)
CS-39-G6 collected as VOC grab from TP-25(2.5-3)
CS-40 collected as composite of TP-25(5-10)
CS-40-G2 collected as VOC grab from TP-25(5.5-6)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-26
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown fine to coarse grained sand, gravel, some silt. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown fine to coarse grained sand, silt, gravel. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown fine to coarse grained sand, silt, gravel. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Black fine to coarse grained sand, gravel, cobbles. No odors or staining, dry.
10			0.0	

Notes:
CS-37 collected as composite of TP-26(0-5)
CS-37 -G8 collected as VOC grab from TP-26(3.5-4)
CS-38 collected as composite of TP-26(5-10)
CS-38-G7 collected as VOC grab from TP-26(7.5-8)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 12, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-27
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/12/26
FINISH DATE: 8/12/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown fine grained sand, some roots. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	

Notes:
CS-58 collected as composite of TP-27(0-4)
CS-58-G7 collected as VOC grab from TP-27(3.5-4)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-28
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand, gravel, brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	6.0	Brown silty sand, gravel, cobbles, brick. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown silty sand, gravel, cobbles, brick, glass. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown silty sand, gravel, cobbles, brick, glass. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown silty sand, gravel, cobbles, brick, glass. No odors or staining, dry.
12			0.0	

Notes:
CS-46 collected as composite of TP-28(0-4)
CS-46-G3 collected as VOC grab from TP-28(2.5-3)
CS-47 collected as composite of TP-28(4-8)
CS-47-G4 collected as VOC grab from TP-28(6-6.5)
CS-51 collected as composite of TP-28(8-12)
CS-51-G8 collected as VOC grab from TP-28(11.5-12)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-29
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, brick, concrete. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black wet silty sand, gravel, cobbles. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black wet silty sand, gravel, cobbles. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black silty sand, cobbles, gravel. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown/black silty sand, cobbles, gravel. No odors or staining, dry.
12			0.0	

Notes:
CS-48 collected as composite of TP-29(0-4)
CS-48-G5 collected as VOC grab from TP-29(2-2.5)
CS-49 collected as composite of TP-29(4-8)
CS-49-G6 collected as VOC grab from TP-29(6.5-7)
CS-50 collected as composite of TP-29(8-12)
CS-50-G6 collected as VOC grab from TP-29(10.5-11)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-30
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown sand. Gravel, cobbles, roots. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black sand, gravel, cobbles. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown/black sand, gravel, fill material, cobbles. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black sand and gravel, brick and concrete. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown/black sand and gravel, brick and concrete. No odors or staining, dry.
12			0.0	

Notes:
CS-52 collected as composite of TP-30(0-4)
CS-52-G1 collected as VOC grab from TP-30(0-0.5)
CS-53 collected as composite of TP-30(4-8)
CS-53-G2 collected as VOC grab from TP-30(4.5-5)
CS-54 collected as composite of TP-30(8-12)
CS-54-G2 collected as VOC grab from TP-30(8.5-9)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-31
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown fine grained sand, cobbles. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown fine grained sand, silt, gravel, some black sand. No odors or staining, dry.
6			0.0	
7	N/A	N/A	0.0	Brown fine grained sand, silt, gravel, some black sand. No odors or staining, dry.
8			0.0	
9	N/A	N/A	0.0	Brown/black sand and gravel, plastic. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown/black sand and gravel, plastic. No odors or staining, dry.
12			0.0	

Notes:
CS-55 collected as composite of TP-31(0-4)
CS-55-G4 collected as VOC grab from TP-31(1.5-2)
CS-56 collected as composite of TP-31(4-8)
CS-56-G5 collected as VOC grab from TP-31(6-6.5)
CS-57 collected as composite of TP-31(8-12)
CS-57-G6 collected as VOC grab from TP-31(10.5-11)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-32
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown fine grained sand. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.1	
5	N/A	N/A	0.4	Brown silty sand, gravel, brick. No odors or staining, dry.
6			1.3	
7	N/A	N/A	0.5	Brown silty sand, gravel, brick. No odors or staining, dry.
8			0.3	
9	N/A	N/A	0.0	Brown silty sand, gravel, brick. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown silty sand, gravel, brick. No odors or staining, dry.
12			0.0	

Notes:
CS-62 collected as composite of TP-32(0-4)
CS-62-G6 collected as VOC grab from TP-32(2.5-3)
CS-63 collected as composite of TP-32(4-8)
CS-63-G7 collected as VOC grab from TP-32(7-7.5)
CS-64 collected as composite of TP-32(8-12)
CS-64-G8 collected as VOC grab from TP-32(11.5-12)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 13, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: TP-33
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/13/26
FINISH DATE: 8/13/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Continuous Sampling to required elevations
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand, gravel, cobbles. No odors or staining, dry.
4			0.0	
5	N/A	N/A	0.0	Brown/black silty sand, cobbles, sewage odor, dry
6			0.0	
7	N/A	N/A	0.0	Brown/black silty sand, cobbles, sewage odor, dry
8			0.0	
9	N/A	N/A	0.0	Brown sand and gravel, some silt, cobbles. No odors or staining, dry.
10			0.0	
11	N/A	N/A	0.0	Brown sand and gravel, some silt, cobbles. Some light gray loose fine grained sand at bottom.
12			0.0	

Notes:
CS-59 collected as composite of TP-33(0-4)
CS-59-G8 collected as VOC grab from TP-33(3.5-4)
CS-69 collected as composite of TP-33(4-8)
CS-60-G5 collected as VOC grab from TP-33(5.5-6)
CS-61 collected as composite of TP-33(8-12)
CS-61-G5 collected as VOC grab from TP-33(10.5-11)

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02A
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Light brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02B
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown silty sand and gravel, some roots. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Light brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02C
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Light brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02D
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Light brown silty sand and gravel, brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Light brown silty sand and gravel, brick. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02A
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, some metal debris. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel, some metal debris. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02B
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel, some brick. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel, some brick. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02C
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements
LOCATION: Flatlands Avenue
DATE: August 14, 2026
PROJECT NO.:

TEST PIT LOG

Test Pit NO.: SP2-02D
GROUNDWATER SAMPLE ID: N/A
SHEET 1 **OF** 1

BORING LOCATION:
GROUND SURFACE ELEVATION:
START DATE: 8/14/26
FINISH DATE: 8/14/26

LOGGED BY: Esther Schonfeld
SAMPLING METHOD: Shovel to required depths within larger test pit
DRILLING METHOD AND RIG TYPE: Test Pits, CAT 320E Excavator

DEPTH (FT)	REC. (IN.)	BLOWS/ 6 IN.	PID (PPM)	MATERIAL DESCRIPTION
1	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
2			0.0	
3	N/A	N/A	0.0	Brown silty sand and gravel. No odors or staining, dry.
4			0.0	

Discrete samples collected from (0-1), (1-2), (2-3), and (3-4) intervals

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

PROJECT: HD161DPL Gateway Site Improvements

LOCATION: Flatlands Avenue

DATE: August 11 - August 14, 2026

PROJECT NO.:

Field Summary

SHEET 1 **OF** 1

Notes:
All VOC grabs submitted for to ALS for analysis of VOCs.
All composite samples submitted to ALS for analysis of SVOCs, Pesticides, PCBs, EPH, Metals, RCRA
Composites from TP-7, TP-14, and TP-31 additionally submitted for Be, Ni, Cu, Zn and TCLP Be, Ni, Cu, and ZN,
All lead delineation samples submitted to ALS for analysis fo TCLP Lead.
All samples submitted to ALS between 8/12/26 and 8/14/26

PREFERRED ENVIRONMENTAL SERVICES 323 Merrick Avenue - North Merrick, New York 11566 Tel: (516) 546-1100 Fax : (516) 213-8156	**PROJECT:** HD161DPL Gateway Site Improvements **LOCATION:** Flatlands Avenue **DATE:** August 11 - August 14, 2026	**Photographic Log**
	PROJECT NO.:	**SHEET** 1 **OF** 1



Photo No. 1: View of a representative test pit location surveyed and field staked by the contractor.



Photo No. 2: View of the contractor excavating a test pit to collect soil samples from representative depths within one of the site grids.



Photo No. 3: View of a representative test pit location mid-excavation.



Photo No. 4: View of field verification of the depth of sample collection from one of the test pits.



Photo No. 5: View of representative grabs of soil collected from one of the sample intervals.



Photo No. 6: View of sample glassware provided by the laboratory, into which each composite sample was containerized after appropriate homogenization.

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com — www.yorklab.com

Field Chain-of-Custody Record

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

Page 1 of 3

YORK Project No. 24HUS77

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	~~SKA-CP-022~~	RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: ~~EGA SPDES~~ Entering Site Improvements - Flatlands Ave	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI CS-1	S	8/11/26 8:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-1-G3	S	8:40	VOCs 8260	Terracore
HD161DPL GSI CS-2	S	9:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-2-G3	S	9:10	VOCs 8260	Terracore
HD161DPL GSI CS-3	S	9:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-3-G5	S	9:56	VOCs 8260	Terracore
HD161DPL GSI CS-4	S	10:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-4-G1	S	10:40	VOCs 8260	Terracore
HD161DPL GSI CS-5	S	11:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-5-G2	S	11:20	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Janet Forde	8/12/26 9:45		8/12/26 950		8/12/26 DUS
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/12/26 1545		8/12/26 17:36		8/12/26 17:36
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/12/26 19:35			8/12/26 19:35	5.2/5.1.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com — www.yorklab.com

Field Chain-of-Custody Record

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

Page 2 of 3

YORK Project No. 20HOST

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	[redacted]	RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: [redacted] Gateway – Flatlands	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schofield

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI CS-6	S	8/11/26 11:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-6-G3	S	11:30	VOCs 8260	Terracore
HD161DPL GSI CS-7	S	11:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-7-G6	S	11:40	VOCs 8260	Terracore
HD161DPL GSI CS-8	S	12:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-8-G5	S	12:00	VOCs 8260	Terracore
HD161DPL GSI CS-9	S	12:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-9-G3	S	12:10	VOCs 8260	Terracore
HD161DPL GSI CS-10	S	12:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-10-G7	S	12:30	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter. **CS-7 to be analyzed additionally for Be, Ni, Cu, and ZN and TCLP BE, Ni, Cu, and ZN, TCLP VOCs, TCLP SVOCs, TCLP Herb, and TCLP Pest.**

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Daniel Sarde	8/12/26 9:45	[signature]	8/12/26 950	[signature]	8/12/26 1545
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]	8/12/26 [illegible]	[signature]	8/12/26 17:36	[signature]	8/12/26 17:56
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
[signature]	8/12/26 19:35			[signature] 8/12/26 19:35	5.2 15.16 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com — www.yorklab.com

Field Chain-of-Custody Record

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

Page 3 of 3

YORK Project No. 20H0587

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	**YOUR PO#:**	

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.

Esther Schlageter

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI CS-11	S	8/11/26 12:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-11-G8	S	12:40	VOCs 8260	Terracore
HD161DPL GSI CS-12	S	12:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-12-G7	S	12:50	VOCs 8260	Terracore
HD161DPL GSI CS-13	S	13:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-13-G4	S	13:25	VOCs 8260	Terracore
HD161DPL GSI CS-14	S	13:40	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-14-G2	S	13:35	VOCs 8260	Terracore
HD161DPL GSI CS-15	S	13:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-15-G1	S	13:45	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Janet Sarde	8/12/26 9:45		8/12/26 [illegible]		8/12/26 1545
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/12/26 1545		8/12/26 17:36		8/12/26 17:36
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/12/26 9:35		GF	8/12/26 19:35	5.2 5.16 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	**YOUR PO#:**	

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.

Esther Schaffer

Samples Collected by (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-10-CS-16	S	8/12 7:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-10-CS-16-G3	S	7:35	VOCs 8260	Terracore
HD161DPL GSI TP-10-CS-17	S	8:20	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-10-CS-17-G8	S	7:55	VOCs 8260	Terracore
HD161DPL GSI TP-10-CS-18	S	8:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-10-CS-18-G10	S	8:15	VOCs 8260	Terracore
HD161DPL GSI TP-9-CS-19	S	8:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-9-CS-19-G1	S	8:40	VOCs 8260	Terracore
HD161DPL GSI TP-9-CS-20	S	9:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-9-CS-20-G5	S	9:00	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 1115		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/13/26 18:30		8/13/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Jeremiah W	8-13-26 20:45 / 2.1/2.0 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 2 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day ☐
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day ☐
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day ☐
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100		RUSH - Four Day ☐
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-9-CS-21	S	9/12 8:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-9-CS-21-G10	S	8:10	VOCs 8260	Terracore
HD161DPL GSI TP-8/15-CS-22	S	9:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-8/15-CS-22-G7	S	9:30	VOCs 8260	Terracore
HD161DPL GSI TP-16-CS-23	S	10:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-16-CS-23-G7	S	10:00	VOCs 8260	Terracore
HD161DPL GSI TP-16-CS-24	S	10:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-16-CS-24-G1	S	10:10	VOCs 8260	Terracore
HD161DPL GSI TP-17-CS-25	S	11:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-17-CS-25-G8	S	11:00	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 11:15		8/13/26 15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/13/26 ~~18:~~			Jeremiah W 8-13-26 20:45	2.1/2.0 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 3 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-17-CS-26	S	8/12 11:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-17-CS-26-G2	S	11:10	VOCs 8260	Terracore
HD161DPL GSI TP-17-CS-27	S	11:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-17-CS-27-G2	S	11:20	VOCs 8260	Terracore
HD161DPL GSI TP-18-CS-28	S	11:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-18-CS-28-G6	S	11:30	VOCs 8260	Terracore
HD161DPL GSI TP-18-CS-29	S	11:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-18-CS-29-G7	S	11:40	VOCs 8260	Terracore
HD161DPL GSI TP-19-CS-30	S	11:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-19-CS-30-G4	S	11:50	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 4P	8/13/26	15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				18:30 8/13/26
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	18:30			8-13-26 20:45	2.1/2.06 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 4 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s). (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-19-CS-31	S	8/12 12:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-19-CS-31-G5	S	12:00	VOCs 8260	Terracore
HD161DPL GSI TP-20-CS-32	S	12:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-20-CS-32-G3	S	12:10	VOCs 8260	Terracore
HD161DPL GSI TP-20-CS-33	S	12:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-20-CS-33-G1	S	12:20	VOCs 8260	Terracore
HD161DPL GSI TP-21-CS-34	S	12:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-21-CS-34-G8	S	12:30	VOCs 8260	Terracore
HD161DPL GSI TP-21-CS-35	S	12:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-21-CS-35-G4	S	12:40	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/24		8/13/24	8/13/26	15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/13/26			8-13-26 20:45	2.1/2.0 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 5 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Samples Collected by: (print your name above and sign below) Esther Schonfeld

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-21-CS-36	S	8/12 12:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-21-CS-36-G1	S	12:50	VOCs 8260	Terracore
HD161DPL GSI TP-26-CS-37	S	13:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-26-CS-37-G8	S	13:10	VOCs 8260	Terracore
HD161DPL GSI TP-26-CS-38	S	13:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-26-CS-38-G7	S	13:20	VOCs 8260	Terracore
HD161DPL GSI TP-25-CS-39	S	13:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-25-CS-39-G6	S	13:30	VOCs 8260	Terracore
HD161DPL GSI TP-25-CS-40	S	13:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-25-CS-40-G2	S	13:40	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 11:15		8/13/26 15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/13/26			8-13-26 20:45	2.1/2.06 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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

Page 6 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-24-CS-41	S	8/12 14:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-24-CS-41-G5	S	14:00	VOCs 8260	Terracore
HD161DPL GSI TP-24-CS-42	S	14:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-24-CS-42-G4	S	14:10	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/24		8/12/26 1108		8/13/26 15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/13/26			8-13-26 20:46	2.1/2.06 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

YORK Project No. 26H0771

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Esther Schonfeld

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-23-CS-43	S	8/13 7:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-23-CS-43-G1	S	7:45	VOCs 8260	Terracore
HD161DPL GSI TP-23-CS-44	S	8:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-23-CS-44-G2	S	7:55	VOCs 8260	Terracore
HD161DPL GSI TP-22-CS-45	S	12:40	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-22-CS-45-G3	S	12:35	VOCs 8260	Terracore
HD161DPL GSI TP-28-CS-46	S	9:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-28-CS-46-G3	S	8:55	VOCs 8260	Terracore
HD161DPL GSI TP-28-CS-47	S	9:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-28-CS-47-G4	S	9:10	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/13 21:00		8/14/26 930
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MAS 15:49	8.14.26 4:7	MAS 8.14.26	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26		

Samples Relinquished by / Company	Date/Time
	8.14.26 15:49
Samples Received by / Company	Date/Time
	8/14/26 7:30
Samples Received in LAB by	Date/Time
Jeremiah W	8-14-26 20:30

Temp. Received at Lab: 3.7/3.66 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com — www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 26H0771

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-29-CS-48	S	8/13 9:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-29-CS-48-G5	S	9:40	VOCs 8260	Terracore
HD161DPL GSI TP-29-CS-49	S	9:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-29-CS-49-G6	S	9:50	VOCs 8260	Terracore
HD161DPL GSI TP-29-CS-50	S	10:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-29-CS-50-G7	S	10:25	VOCs 8260	Terracore
HD161DPL GSI TP-28-CS-51	S	11:20	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-28-CS-51-G8	S	11:15	VOCs 8260	Terracore
HD161DPL GSI TP-30-CS-52	S	10:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-30-CS-52-G1	S	10:45	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13 7PM		8/14/26 9:30	8-14-26	15:49
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8-14-26 15:49	4.7	8-14-26			8/14/26 17:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/14/26			Jeanish W 8-14-26 20:30	3.7/3.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com — www.yorklab.com

Field Chain-of-Custody Record

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

Page 3 of 5

YORK Project No. 26M0771

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-30-CS-53	S	8/13 11:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-30-CS-53-G2	S	10:55	VOCs 8260	Terracore
HD161DPL GSI TP-30-CS-54	S	11:10	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-30-CS-54-~~G~~3	S	11:05	VOCs 8260	Terracore
HD161DPL GSI TP-31-CS-55	S	11:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-31-CS-55-G4	S	11:50	VOCs 8260	Terracore
HD161DPL GSI TP-31-CS-56	S	12:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-31-CS-56-G5	S	12:10	VOCs 8260	Terracore
HD161DPL GSI TP-31-CS-57	S	12:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-31-CS-57-G6	S	12:25	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter *

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13 7pm		8/14/26 9:30	8.14.26	15:49
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8.14.26	15:49 4.7		8.14.26		8/14/26 17:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/14/26			8.14.26 20:30	2.7/2.8 Degrees C

* Additional analysis for TP-31 - CS 55, 56, 57:
- Be, Ni, Cu, Zn and TCLP Be, Ni, Cu, Zn
- TCLP VOCs, TCLP SVOCs, TCLP Herb, TCLP Pest

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 26H0771

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone.:516-546-1100	Phone :516-546-1100	Phone. 516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-27-CS-58	S	8/13 12:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-27-CS-58-G7	S	12:45	VOCs 8260	Terracore
HD161DPL GSI TP-33-CS-59	S	13:10	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-33-CS-59-G8	S	13:05	VOCs 8260	Terracore
HD161DPL GSI TP-33-CS-60	S	13:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-33-CS-60-G5	S	13:20	VOCs 8260	Terracore
HD161DPL GSI TP-33-CS-61	S	13:40	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-33-CS-61-G5	S	13:35	VOCs 8260	Terracore
HD161DPL GSI TP-32-CS-62	S	14:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-32-CS-62-G6	S	13:55	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13 7PM		8/14/26 9:30	8-14-26	15:49
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8-14-26	15:49	8-14-26			8/14/26 17:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/14/26			Jeremiah W 8-14-26 20:30	3.7/3.8 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 5 of 5

YORK Project No. 26H0771

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone :516-546-1100	Phone. 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-32-CS-63	S	8/13 14:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-32-CS-63-G7	S	" 14:10	VOCs 8260	Terracore
HD161DPL GSI TP-32-CS-64	S	" 14:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-32-CS-64-G8	S	" 14:20	VOCs 8260	Terracore
	S		*Refer to comments	3 8-oz, 1 4-oz
	S		VOCs 8260	Terracore
	S		*Refer to comments	3 8-oz, 1 4-oz
	S		VOCs 8260	Terracore
	S		*Refer to comments	3 8-oz, 1 4-oz
	S		VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/13 7pm		8/14/20 930
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MA 8-14-26	15:49 47	MA 8-14-26	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26		

Samples Relinquished by / Company	Date/Time	Special Instruction
	8-14-26 15:49	
Samples Received by / Company	Date/Time	
	8/14/26 1713	
Samples Received in LAB by	Date/Time	Temp. Received at Lab
Jeremiah W	8-14-26 20:30	3.9/3.86 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

Page 1 of 1

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02A-G1(0-1)	S	8/14 7:40	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02A-G2(1-2)	S	7:42	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02A-G3(2-3)	S	7:44	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02A-G4(3-4)	S	7:46	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02B-G1(0-1)	S	8:16	TCLP Lead	~~1 4-oz~~ 6oz
HD161DPL GSI SP2-02B-G2(1-2)	S	8:18	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02B-G3(2-3)	S	8:20	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02B-G4(3-4)	S	8:22	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02C-G1(0-1)	S	7:56	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02C-G2(1-2)	S	7:58	TCLP Lead	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35	5.8	8/14/26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Jeremiah V 8-14-26 20:30	2.7/2.66 Degrees C

All A/B/C/D samples to be analyzed
All E/F/G/H samples to be held for contingency analysis

York Analytical Laboratories, Inc.

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

Field Chain-of-Custody Record

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

Page 2 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	**YOUR Project Name** HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	**YOUR PO#:**	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Gustler Schonfeld

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02C-G3(2-3)	S	8/14 8:00	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02C-G4(3-4)	S	8:02	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G1(0-1)	S	8:32	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G2(1-2)	S	8:34	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G3(2-3)	S	8:36	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G4(3-4)	S	8:38	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02E-G1(0-1)	S	7:48	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02E-G2(1-2)	S	7:50	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02E-G3(2-3)	S	7:52	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02E-G4(3-4)	S	7:54	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35	5.8	8.14.26 12:35		8.14.26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Keaunah W 8.14.26 20:30	2.7/2.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

Page 3 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	**YOUR Project Name** HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schofield

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02F-G1(0-1)	S	8/14 8:24	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02F-G2(1-2)	S	8:26	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02F-G3(2-3)	S	8:28	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02F-G4(3-4)	S	8:30	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G1(0-1)	S	8:04	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G2(1-2)	S	8:06	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G3(2-3)	S	8:08	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G4(3-4)	S	8:16	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02H-G1(0-1)	S	8:40	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02H-G2(1-2)	S	8:42	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: _____

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		8-14-26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Terrence W 8-14-26 20:30	2.7/2.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02H-G3(2-3)	S	8/14 8:44	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02H-G4(3-4)	S	8:46	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06A-G1(0-1)	S	9:10	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06A-G2(1-2)	S	9:12	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06A-G3(2-3)	S	9:14	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06A-G4(3-4)	S	9:16	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G1(0-1)	S	9:40	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G2(1-2)	S	9:42	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G3(2-3)	S	9:44	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G4(3-4)	S	9:46	TCLP Lead	1 4-oz

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction: Field Filtered _____ Lab to Filter _____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		8-14-26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Jeremiah W 8-14-26 20:30	2.7/2.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

Page 5 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	**YOUR Project Name** HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-06C-G1(0-1)	S	8/14 9:24	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06C-G2(1-2)	S	9:26	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06C-G3(2-3)	S	9:28	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06C-G4(3-4)	S	9:30	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G1(0-1)	S	8:54	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G2(1-2)	S	8:56	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G3(2-3)	S	8:58	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G4(3-4)	S	9:00	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06E-G1(0-1)	S	9:18	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06E-G2(1-2)	S	9:20	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35	5.8	8.14.26 12:35		8.14.26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Tawanda W 8.14.26 20:30	2.7/2.66 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-06E-G3(2-3)	S	8/14 9:22	TCLP Lead hold for contingency	1 4-oz
HD161DPL GSI SP2-06E-G4(3-4)	S	9:24	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06F-G1(0-1)	S	9:48	TCLP Lead	~~1 4-oz~~ 8-oz
~~HD161DPL GSI SP2-06F-G2(1-2)~~	~~S~~		~~TCLP Lead~~	~~1 4-oz~~
~~HD161DPL GSI SP2-06F-G3(2-3)~~	~~S~~		~~TCLP Lead~~	~~1 4-oz~~
~~HD161DPL GSI SP2-06F-G4(3-4)~~	~~S~~		~~TCLP Lead~~	~~1 4-oz~~
HD161DPL GSI SP2-06G-G1(0-1)	S	8/14 9:32	TCLP Lead	1 4-oz 4oz
HD161DPL GSI SP2-06G-G2(1-2)	S	9:34	TCLP Lead	1 4-oz 4oz
HD161DPL GSI SP2-06G-G3(2-3)	S	9:36	Hold for potential contingency analysis	1 4-oz 8oz
HD161DPL GSI SP2-06G-G4(3-4)	S	9:38	Hold for potential contingency analysis	1 4-oz 8oz

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35	5.8	8-14-26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8-14-26 20:30	2.7/2.8 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 — 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

Page 7 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone.:516-546-1100	Phone.:516-546-1100	Phone.:516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Samples Collected by: (print your name above and sign below) Esther Schonfeld

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-06H-G1(0-1)	S	8/14 9:02	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06H-G2(1-2)	S	9:04	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06H-G3(2-3)	S	9:06	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06H-G4(3-4)	S	9:08	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		8.14.26 12:35		8.14.26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				Jasmin W 8-14-26 20:30	2.7/2.66 Degrees C

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 NON POTABLE WATER
All approved analytes are listed below:

Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
	EPA 624.1
Acrylonitrile	EPA 8260D
	EPA 8260C
	EPA 624.1
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 625.1
	EPA 8270D
	EPA 8270E
Carbazole	EPA 625.1
	EPA 8270D
	EPA 8270E
Diphenylamine	EPA 8270D
	EPA 8270E

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Amines

Pyridine	EPA 625.1
	EPA 8270D
	EPA 8270E

Benzidines

3,3'-Dichlorobenzidine	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzidine	EPA 625.1
	EPA 8270D
	EPA 8270E

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081B
	EPA 608.3
4,4'-DDE	EPA 8081B
	EPA 608.3
4,4'-DDT	EPA 8081B
	EPA 608.3
Aldrin	EPA 8081B
	EPA 608.3
alpha-BHC	EPA 8081B
	EPA 608.3
alpha-Chlordane	EPA 8081B
beta-BHC	EPA 8081B
	EPA 608.3
Chlordane Total	EPA 8081B
	EPA 608.3

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Chlorinated Hydrocarbon Pesticides

delta-BHC	EPA 8081B
	EPA 608.3
Dieldrin	EPA 8081B
	EPA 608.3
Endosulfan I	EPA 8081B
	EPA 608.3
Endosulfan II	EPA 8081B
	EPA 608.3
Endosulfan sulfate	EPA 8081B
	EPA 608.3
Endrin	EPA 8081B
	EPA 608.3
Endrin aldehyde	EPA 8081B
	EPA 608.3
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
	EPA 608.3
Heptachlor epoxide	EPA 8081B
	EPA 608.3
Lindane	EPA 8081B
	EPA 608.3
Methoxychlor	EPA 8081B
	EPA 608.3
Mirex	EPA 8081B
Toxaphene	EPA 8081B
	EPA 608.3

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
	EPA 8270E
1,2,4-Trichlorobenzene	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Chloronaphthalene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachlorobenzene	EPA 8270D
	EPA 8270E
Hexachlorobutadiene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachlorocyclopentadiene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachloroethane	EPA 625.1
	EPA 8270D
	EPA 8270E
Pentachlorobenzene	EPA 8270D
	EPA 8270E

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
	SM 6640B-2006

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Chlorophenoxy Acid Pesticides	
2,4-D	EPA 8151A
Dicamba	EPA 8151A
Demand	
Biochemical Oxygen Demand	SM 5210B-2016
Chemical Oxygen Demand	SM 5220D-2011
Fuel Oxygenates	
Di-isopropyl ether	EPA 8260D
	EPA 8260C
Ethanol	EPA 8260D
	EPA 8260C
tert-amyl alcohol	EPA 8260D
	EPA 8260C
tert-amyl methyl ether (TAME)	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
tert-butyl ethyl ether (ETBE)	EPA 8260D
	EPA 8260C
Haloethers	
2,2'-Oxybis(1-chloropropane)	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Bromophenylphenyl ether	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Chlorophenylphenyl ether	EPA 625.1

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Haloethers

4-Chlorophenylphenyl ether	EPA 8270D
	EPA 8270E
Bis(2-chloroethoxy)methane	EPA 625.1
	EPA 8270D
	EPA 8270E
Bis(2-chloroethyl)ether	EPA 625.1
	EPA 8270D
	EPA 8270E

Low Level Halocarbons

1,2,3-Trichloropropane, Low Level	EPA 8011
1,2-Dibromo-3-chloropropane, Low Le	EPA 8011
1,2-Dibromoethane, Low Level	EPA 8011

Low Level Polynuclear Aromatics

Acenaphthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Acenaphthylene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Anthracene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(a)anthracene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(a)pyrene Low Level	EPA 8270D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Low Level Polynuclear Aromatics

Benzo(a)pyrene Low Level	EPA 8270E
	EPA 8270E SIM
Benzo(b)fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(g,h,i)perylene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(k)fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Chrysene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Dibenzo(a,h)anthracene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Fluorene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Naphthalene Low Level	EPA 8270D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Low Level Polynuclear Aromatics

Naphthalene Low Level	EPA 8270E
	EPA 8270E SIM
Phenanthrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Pyrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM

Metals I

Barium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Cadmium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Calcium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Chromium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Metals I

Copper, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Iron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Lead, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Metals I

Nickel, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Potassium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Silver, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Sodium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals II

Aluminum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Antimony, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Metals II

Antimony, Total	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Beryllium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	EPA 7196A
	SM 3500-Cr B-2011
Mercury, Total	EPA 245.2 (Issued 1974, Rev. 1983)
	EPA 7470A
	EPA 7473
Selenium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Metals II

Vanadium, Total	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals III

Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Molybdenum, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Tin, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Titanium, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Mineral

Alkalinity	SM 2320B-2011
Calcium Hardness	EPA 200.7, Rev. 4.4 (1994)
Chloride	EPA 300.0, Rev. 2.1 (1993)
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
Hardness, Total	SM 2340B-2011
Sulfate (as SO4)	EPA 300.0, Rev. 2.1 (1993)

Miscellaneous

Boron, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Bromide	EPA 300.0, Rev. 2.1 (1993)
Color	SM 2120B-2011
Cyanide, Total	SM 4500-CN E-2016
Phenols	EPA 420.1 (Rev. 1978)
Specific Conductance	EPA 120.1 (Rev. 1982)
Sulfide (as S)	SM 4500-S2- F-2011
Surfactant (MBAS)	SM 5540C-2011
Turbidity	EPA 180.1, Rev. 2.0 (1993)

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 625.1
	EPA 8270D
	EPA 8270E
2,6-Dinitrotoluene	EPA 625.1
	EPA 8270D
	EPA 8270E
Isophorone	EPA 625.1
	EPA 8270D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Nitroaromatics and Isophorone

Isophorone	EPA 8270E
Nitrobenzene	EPA 625.1
	EPA 8270D
	EPA 8270E

Nitrosoamines

N-Nitrosodimethylamine	EPA 625.1
	EPA 8270D
	EPA 8270E
N-Nitrosodi-n-propylamine	EPA 625.1
	EPA 8270D
	EPA 8270E
N-Nitrosodiphenylamine	EPA 625.1
	EPA 8270D
	EPA 8270E

Nutrient

Ammonia (as N)	SM 4500-NH3 D-2011 or E-2011
Kjeldahl Nitrogen, Total	SM 4500-N Org D-2011
	SM 4500-NH3 D-2011 or E-2011
Nitrate (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrate-Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P)	EPA 300.0, Rev. 2.1 (1993)
	SM 4500-P E-2011

Organophosphate Pesticides

Atrazine	EPA 8270D
	EPA 8270E

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

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 625.1
	EPA 8270D
	EPA 8270E
Bis(2-ethylhexyl) phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Diethyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Dimethyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Di-n-butyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Di-n-octyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Polychlorinated Biphenyls	
Aroclor 1016 (PCB-1016)	EPA 8082A

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 608.3
Aroclor 1221 (PCB-1221)	EPA 8082A
	EPA 608.3
Aroclor 1232 (PCB-1232)	EPA 8082A
	EPA 608.3
Aroclor 1242 (PCB-1242)	EPA 8082A
	EPA 608.3
Aroclor 1248 (PCB-1248)	EPA 8082A
	EPA 608.3
Aroclor 1254 (PCB-1254)	EPA 8082A
	EPA 608.3
Aroclor 1260 (PCB-1260)	EPA 8082A
	EPA 608.3
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

Polynuclear Aromatics

Acenaphthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Acenaphthylene	EPA 625.1
	EPA 8270D
	EPA 8270E
Anthracene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(a)anthracene	EPA 625.1
	EPA 8270D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Polynuclear Aromatics

Benzo(a)anthracene	EPA 8270E
Benzo(a)pyrene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(b)fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(g,h,i)perylene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(k)fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Chrysene	EPA 625.1
	EPA 8270D
	EPA 8270E
Dibenzo(a,h)anthracene	EPA 625.1
	EPA 8270D
	EPA 8270E
Fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Fluorene	EPA 625.1
	EPA 8270D
	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 625.1
	EPA 8270D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Polynuclear Aromatics

Indeno(1,2,3-cd)pyrene	EPA 8270E
Naphthalene	EPA 625.1
	EPA 8270D
	EPA 8270E
Phenanthrene	EPA 8270E
Pyrene	EPA 625.1
	EPA 8270D
	EPA 8270E

Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270D
	EPA 8270E
2,4,5-Trichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4,6-Trichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dimethylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dinitrophenol	EPA 8270E
2-Chlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Priority Pollutant Phenols

2-Methyl-4,6-dinitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Nitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Chloro-3-methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Nitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
Cresols, Total	EPA 8270D
	EPA 8270E
Pentachlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
Phenol	EPA 625.1
	EPA 8270D
	EPA 8270E

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Residue

Settleable Solids	SM 2540 F-2015
Solids, Total	SM 2540 B-2015
Solids, Total Dissolved	SM 2540 C-2015
Solids, Total Suspended	SM 2540 D-2015

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
alpha-Terpineol	EPA 625.1
	EPA 8270E
Benzaldehyde	EPA 8270D
	EPA 8270E
Benzoic Acid	EPA 8270D
	EPA 8270E
Benzyl alcohol	EPA 8270D
	EPA 8270E
Caprolactam	EPA 8270D
	EPA 8270E

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Semi-Volatile Organics

Dibenzofuran	EPA 8270D
	EPA 8270E

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
	EPA 624.1
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C
Benzene	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromobenzene	EPA 8260D
	EPA 8260C

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

Chlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
Ethyl benzene	EPA 8260D
	EPA 8260C
	EPA 624.1
Isopropylbenzene	EPA 8260D
	EPA 8260C
m/p-Xylenes	EPA 8260D
	EPA 8260C
	EPA 624.1
n-Butylbenzene	EPA 8260D
	EPA 8260C
n-Propylbenzene	EPA 8260D
	EPA 8260C
o-Xylene	EPA 8260D
	EPA 8260C
	EPA 624.1
p-Isopropyltoluene (P-Cymene)	EPA 8260D
	EPA 8260C
sec-Butylbenzene	EPA 8260D
	EPA 8260C
Styrene	EPA 8260D
	EPA 8260C
	EPA 624.1
tert-Butylbenzene	EPA 8260D
	EPA 8260C

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

Toluene	EPA 8260D
	EPA 8260C
	EPA 624.1
Total Xylenes	EPA 8260D
	EPA 8260C
	EPA 624.1

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1-Dichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1-Dichloropropene	EPA 8260D

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

1,1-Dichloropropene	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
	EPA 624.1
1,2-Dichloropropane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,3-Dichloropropane	EPA 8260D
	EPA 8260C
2,2-Dichloropropane	EPA 8260D
	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromochloromethane	EPA 8260D
	EPA 8260C
Bromodichloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromoform	EPA 8260D
	EPA 8260C

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

Bromoform	EPA 624.1
Bromomethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Carbon tetrachloride	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloroform	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
	EPA 624.1
Dibromochloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Dibromomethane	EPA 8260D
	EPA 8260C

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

Dichlorodifluoromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Hexachlorobutadiene, Volatile	EPA 8260D
	EPA 8260C
Methylene chloride	EPA 8260D
	EPA 8260C
	EPA 624.1
Tetrachloroethene	EPA 8260C
	EPA 624.1
trans-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,4-Dichloro-2-butene	EPA 8260D
	EPA 8260C
Trichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
Trichlorofluoromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Vinyl chloride	EPA 8260D
	EPA 8260C
	EPA 624.1

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Volatiles Organics

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

Sample Preparation Methods

	SM 4500-P B(5)-2011
	EPA 5030C
	SM 4500-CN B-2016 and C-2016
	EPA 3015A
	EPA 3010A
	EPA 3005A
	EPA 3510C

Serial No.: 70284

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.

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 NON POTABLE WATER
All approved analytes are listed below:

Sample Preparation Methods

SM 4500-N Org B-2011 or C-2011

Serial No.: 70284

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.

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 for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Miscellaneous

Organic Carbon, Total	SM 5310B-2014

Serial No.: 70285

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.

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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:

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

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.

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 for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
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

Serial No.: 70287

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.

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 POTABLE WATER
All approved analytes are listed below:

Fuel Additives

Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2

Metals I

Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4

Serial No.: 70283

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.

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 POTABLE WATER
All approved analytes are listed below:

Metals II

Beryllium, Total	EPA 200.8 Rev. 5.4
Molybdenum, Total	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Metals III

Calcium, Total	EPA 200.7 Rev. 4.4
Magnesium, Total	EPA 200.7 Rev. 4.4
Potassium, Total	EPA 200.7 Rev. 4.4
Sodium, Total	EPA 200.7 Rev. 4.4

Miscellaneous

1,4-Dioxane	EPA 522
Turbidity	EPA 180.1 Rev. 2.0

Non-Metals

Alkalinity	SM 21-23 2320B (-97)
Calcium Hardness	EPA 200.7 Rev. 4.4
Chloride	EPA 300.0 Rev. 2.1
Color	SM 21-23 2120B (-01)
Fluoride, Total	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
	SM 19, 21-23 4500-P E (-99)
Solids, Total Dissolved	SM 21-23 2540C (-97)
Specific Conductance	EPA 120.1 Rev. 1982
Sulfate (as SO4)	EPA 300.0 Rev. 2.1

Serial No.: 70283

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.

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 POTABLE WATER
All approved analytes are listed below:

Trihalomethanes

Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2

Volatile Aromatics

1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2

Serial No.: 70283

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.

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 POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

Total Xylenes	EPA 524.2

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2

Serial No.: 70283

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.

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 POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

Serial No.: 70283

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
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
Fuel Oxygenates	
Di-isopropyl ether	EPA 8260D
	EPA 8260C
Ethanol	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-amyl alcohol	EPA 8260D
	EPA 8260C
tert-amyl methyl ether (TAME)	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
tert-butyl ethyl ether (ETBE)	EPA 8260D
	EPA 8260C
Volatile Aromatics	
1,2,4-Trichlorobenzene, Volatile	EPA 8260D

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	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
	EPA 8260C

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

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
	EPA 8260C

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

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
	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

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

Bromochloromethane	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
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

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

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
trans-1,4-Dichloro-2-butene	EPA 8260D
	EPA 8260C
Trichloroethene	EPA 8260D
	EPA 8260C
Trichlorofluoromethane	EPA 8260D
	EPA 8260C
Vinyl chloride	EPA 8260D
	EPA 8260C

Volatiles 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

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatiles Organics

Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

	EPA 5030C

Serial No.: 70781

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Perfluorinated Alkyl Acids

11Cl-PF3OUdS	EPA 1633 (Draft)
4:2FTS	EPA 1633 (Draft)
6:2FTS	EPA 1633 (Draft)
8:2FTS	EPA 1633 (Draft)
9Cl-PF3ONS	EPA 1633 (Draft)
ADONA	EPA 1633 (Draft)
HFPO-DA (GenX)	EPA 1633 (Draft)
NEtFOSAA	EPA 1633 (Draft)
NFDHA	EPA 1633 (Draft)
NMeFOSAA	EPA 1633 (Draft)
Perflourotridecanoic Acid (PFTrDA)	EPA 1633 (Draft)
Perfluordecanoic Acid (PFDA)	EPA 1633 (Draft)
Perfluoro-3-Methoxypropanoic Acid (F	EPA 1633 (Draft)
Perfluoro-4-Methoxybutanoic Acid (PF	EPA 1633 (Draft)
Perfluorobutanesulfonic Acid (PFBS)	EPA 1633 (Draft)
Perfluorobutanoic Acid (PFBA)	EPA 1633 (Draft)
Perfluorododecanoic Acid (PFDoA)	EPA 1633 (Draft)
Perfluoroheptanesulfonic Acid (PFHpS	EPA 1633 (Draft)
Perfluoroheptanoic Acid (PFHpA)	EPA 1633 (Draft)
Perfluorohexanesulfonic Acid (PFHxS	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)
Perfluoropentanesulfonic Acid (PFPeS	EPA 1633 (Draft)
Perfluoropentanoic Acid (PFPeA)	EPA 1633 (Draft)
Perfluoroundecanoic Acid (PFUnA)	EPA 1633 (Draft)

Serial No.: 70782

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Perfluorinated Alkyl Acids

PFEESA	EPA 1633 (Draft)

Serial No.: 70782

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.

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

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

NY Lab Id No: 12058

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
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

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.

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

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

NY Lab Id No: 12058

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 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

Serial No.: 70783

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.

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

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

NY Lab Id No: 12058

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 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

Serial No.: 70783

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.

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

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

NY Lab Id No: 12058

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 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

Serial No.: 70783

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.

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

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

NY Lab Id No: 12058

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 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

Serial No.: 70783

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.

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

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

NY Lab Id No: 12058

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

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

Serial No.: 70783

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.

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

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

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory for the category
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)
Perflourotridecanoic Acid (PFTrDA)	EPA 1633 (Draft)
Perfluordecanoic 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)

Serial No.: 70784

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.

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

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

NY Lab Id No: 12058

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

Perfluorinated Alkyl Acids

11Cl-PF3OUdS	EPA 533
	EPA 537.1, Version 2
4:2FTS	EPA 533
6:2FTS	EPA 533
8:2FTS	EPA 533
9Cl-PF3ONS	EPA 533
	EPA 537.1, Version 2
ADONA	EPA 533
	EPA 537.1, Version 2
HFPO-DA (GenX)	EPA 533
	EPA 537.1, Version 2
NEtFOSAA	EPA 537.1, Version 2
NFDHA	EPA 533
NMeFOSAA	EPA 537.1, Version 2
Perflourotridecanoic Acid (PFTrDA)	EPA 537.1, Version 2
Perfluordecanoic Acid (PFDA)	EPA 533
	EPA 537.1, Version 2
Perfluoro-3-Methoxypropanoic Acid (F	EPA 533
Perfluoro-4-Methoxybutanoic Acid (PF	EPA 533
Perfluorobutanesulfonic Acid (PFBS)	EPA 533
	EPA 537.1, Version 2
Perfluorobutanoic Acid (PFBA)	EPA 533
Perfluorododecanoic Acid (PFDoA)	EPA 533
	EPA 537.1, Version 2
Perfluoroheptanesulfonic Acid (PFHpS	EPA 533
Perfluoroheptanoic Acid (PFHpA)	EPA 533
	EPA 537.1, Version 2

Serial No.: 70780

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.

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

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

NY Lab Id No: 12058

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

Perfluorinated Alkyl Acids

Perfluorohexanesulfonic Acid (PFHxS	EPA 533
	EPA 537.1, Version 2
Perfluorohexanoic Acid (PFHxA)	EPA 533
	EPA 537.1, Version 2
Perfluorononanoic Acid (PFNA)	EPA 533
	EPA 537.1, Version 2
Perfluorooctanesulfonic Acid (PFOS)	EPA 533
	EPA 537.1, Version 2
Perfluorooctanoic Acid (PFOA)	EPA 533
	EPA 537.1, Version 2
Perfluoropentanesulfonic Acid (PFPeS	EPA 533
Perfluoropentanoic Acid (PFPeA)	EPA 533
Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1, Version 2
Perfluoroundecanoic Acid (PFUnA)	EPA 533
	EPA 537.1, Version 2
PFEESA	EPA 533

Serial No.: 70780

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.

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

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

NY Lab Id No: 12058

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

Acrylates	
Acrylonitrile	EPA TO-15
Methyl methacrylate	EPA TO-15
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA TO-15
Hexachlorobutadiene	EPA TO-15
Hexachloroethane	EPA TO-15
Purgeable Aromatics	
1,2,4-Trimethylbenzene	EPA TO-15
1,2-Dichlorobenzene	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-15
1,3-Dichlorobenzene	EPA TO-15
1,4-Dichlorobenzene	EPA TO-15
Benzene	EPA TO-15
Chlorobenzene	EPA TO-15
Ethyl benzene	EPA TO-15
Isopropylbenzene	EPA TO-15
m/p-Xylenes	EPA TO-15
o-Xylene	EPA TO-15
Styrene	EPA TO-15
Toluene	EPA TO-15
Total Xylenes	EPA TO-15
Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA TO-15
1,1,2,2-Tetrachloroethane	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-15

Serial No.: 70785

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.

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

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

NY Lab Id No: 12058

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

Purgeable Halocarbons

1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-15
1,2-Dichloropropane	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-15
Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-15
Tetrachloroethene	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-15
Trichloroethene	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl bromide	EPA TO-15
Vinyl chloride	EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride	EPA TO-15

Serial No.: 70785

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.

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

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

NY Lab Id No: 12058

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

Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-15
1,4-Dioxane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetone	EPA TO-15
Carbon Disulfide	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
n-Heptane	EPA TO-15
Vinyl acetate	EPA TO-15

Serial No.: 70785

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.

Appendix D

Laboratory Analytical Results – Soil

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Report Date: 08/25/2026
Client Project ID: Gateway Site Improvement- Flatlands Ave
Project (SDG) No.: 26H0577

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 08/25/2026
Client Project ID: Gateway Site Improvement- Flatlands Ave
Project (SDG) No.: 26H0577

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 12, 2026 and listed below. The project was identified as your project: **Gateway Site Improvement- Flatlands Ave**.

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.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0577-01	HD161DPL GSI CS-1	Soil	08/11/2026	08/12/2026
26H0577-02	HD161DPL GSI CS-1-G3	Soil	08/11/2026	08/12/2026
26H0577-03	HD161DPL GSI CS-2	Soil	08/11/2026	08/12/2026
26H0577-04	HD161DPL GSI CS-2-G3	Soil	08/11/2026	08/12/2026
26H0577-05	HD161DPL GSI CS-3	Soil	08/11/2026	08/12/2026
26H0577-06	HD161DPL GSI CS-3-G5	Soil	08/11/2026	08/12/2026
26H0577-07	HD161DPL GSI CS-4	Soil	08/11/2026	08/12/2026
26H0577-08	HD161DPL GSI CS-4-G1	Soil	08/11/2026	08/12/2026
26H0577-09	HD161DPL GSI CS-5	Soil	08/11/2026	08/12/2026
26H0577-10	HD161DPL GSI CS-5-G2	Soil	08/11/2026	08/12/2026
26H0577-11	HD161DPL GSI CS-6	Soil	08/11/2026	08/12/2026
26H0577-12	HD161DPL GSI CS-6-G3	Soil	08/11/2026	08/12/2026
26H0577-13	HD161DPL GSI CS-7	Soil	08/11/2026	08/12/2026
26H0577-14	HD161DPL GSI CS-7-G6	Soil	08/11/2026	08/12/2026
26H0577-15	HD161DPL GSI CS-8	Soil	08/11/2026	08/12/2026
26H0577-16	HD161DPL GSI CS-8-G5	Soil	08/11/2026	08/12/2026
26H0577-17	HD161DPL GSI CS-9	Soil	08/11/2026	08/12/2026
26H0577-18	HD161DPL GSI CS-9-G3	Soil	08/11/2026	08/12/2026
26H0577-19	HD161DPL GSI CS-10	Soil	08/11/2026	08/12/2026
26H0577-20	HD161DPL GSI CS-10-G7	Soil	08/11/2026	08/12/2026

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0577-21	HD161DPL GSI CS-11	Soil	08/11/2026	08/12/2026
26H0577-22	HD161DPL GSI CS-11-G8	Soil	08/11/2026	08/12/2026
26H0577-23	HD161DPL GSI CS-12	Soil	08/11/2026	08/12/2026
26H0577-24	HD161DPL GSI CS-12-G7	Soil	08/11/2026	08/12/2026
26H0577-25	HD161DPL GSI CS-13	Soil	08/11/2026	08/12/2026
26H0577-26	HD161DPL GSI CS-13-G4	Soil	08/11/2026	08/12/2026
26H0577-27	HD161DPL GSI CS-14	Soil	08/11/2026	08/12/2026
26H0577-28	HD161DPL GSI CS-14-G2	Soil	08/11/2026	08/12/2026
26H0577-29	HD161DPL GSI CS-15	Soil	08/11/2026	08/12/2026
26H0577-30	HD161DPL GSI CS-15-G1	Soil	08/11/2026	08/12/2026

General Notes for Project (SDG) No.: 26H0577

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. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, 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 ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:



Scott Hall
Laboratory Manager - Stratford

Date: 08/25/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-01 - HD161DPL GSI CS-1								
* Temperature	22.1	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 11:51
Aluminum	4150			4.60	4.60	mg/kg dry	EPA 6010D	08/14/26 11:52
Arsenic	3.21			1.38	1.38	mg/kg dry	EPA 6010D	08/14/26 11:52
Barium	86.0			2.30	2.30	mg/kg dry	EPA 6010D	08/14/26 11:52
Beryllium	0.116			0.046	0.046	mg/kg dry	EPA 6010D	08/14/26 11:52
Cadmium	0.534			0.276	0.276	mg/kg dry	EPA 6010D	08/14/26 11:52
Calcium	5770			4.60	4.60	mg/kg dry	EPA 6010D	08/14/26 11:52
Chromium	10.1			0.461	0.461	mg/kg dry	EPA 6010D	08/14/26 11:52
Cobalt	3.21			0.368	0.368	mg/kg dry	EPA 6010D	08/14/26 11:52
Copper	28.4			1.84	1.84	mg/kg dry	EPA 6010D	08/14/26 11:52
Iron	13200			23.0	23.0	mg/kg dry	EPA 6010D	08/14/26 11:52
Lead	144			0.461	0.461	mg/kg dry	EPA 6010D	08/14/26 11:52
Magnesium	2310			4.61	4.61	mg/kg dry	EPA 6010D	08/14/26 11:52
Manganese	134			0.461	0.461	mg/kg dry	EPA 6010D	08/14/26 11:52
Nickel	11.6			0.917	0.917	mg/kg dry	EPA 6010D	08/14/26 11:52
Potassium	580			4.61	4.61	mg/kg dry	EPA 6010D	08/14/26 11:52
Sodium	145			46.0	46.0	mg/kg dry	EPA 6010D	08/14/26 11:52
Vanadium	14.4			0.917	0.917	mg/kg dry	EPA 6010D	08/14/26 11:52
Zinc	160			2.29	2.29	mg/kg dry	EPA 6010D	08/14/26 11:52
Barium	0.798			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:03
Lead	0.345			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:03
Mercury	0.315			0.0105	0.0331	mg/kg dry	EPA 7473	08/13/26 10:48
4,4'-DDD	0.00549		D	0.00346	0.00366	mg/kg dry	EPA 8081B	08/14/26 11:28
4,4'-DDT	0.00595		D	0.00291	0.00366	mg/kg dry	EPA 8081B	08/14/26 11:28
gamma-Chlordane	0.00420		D	0.00304	0.00366	mg/kg dry	EPA 8081B	08/14/26 11:28
Aroclor 1260	0.0196			0.0183	0.0183	mg/kg dry	EPA 8082A	08/14/26 21:06
* Total PCBs	0.0350			0.0183	0.0183	mg/kg dry	EPA 8082A	08/14/26 21:06
Acenaphthene	0.0511	J	J	0.0333	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Acenaphthylene	0.0640	J	J	0.0287	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Anthracene	0.194			0.0300	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Benzo(a)anthracene	0.669			0.0294	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Benzo(a)pyrene	0.352			0.0332	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Benzo(b)fluoranthene	0.448			0.0338	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Benzo(g,h,i)perylene	0.281			0.0322	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Benzo(k)fluoranthene	0.401			0.0332	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Carbazole	0.0687	J	J	0.0299	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Chrysene	0.656			0.0289	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Dibenzo(a,h)anthracene	0.111			0.0270	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Fluoranthene	1.12			0.0289	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Fluorene	0.0529	J	J	0.0340	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Indeno(1,2,3-cd)pyrene	0.328			0.0349	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Phenanthrene	0.685			0.0289	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
Pyrene	1.31			0.0283	0.0899	mg/kg dry	EPA 8270E	08/19/26 12:38
pH	7.86	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 11:51
* % Solids	90.6		B	0.100	0.100	%	SM 2540G	08/13/26 13:20

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-02 - HD161DPL GSI CS-1-G3								
* % Solids	81.3		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-03 - HD161DPL GSI CS-2								
* Temperature	22.5	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 11:55
Aluminum	3260			4.49	4.49	mg/kg dry	EPA 6010D	08/14/26 11:54
Arsenic	3.74			1.35	1.35	mg/kg dry	EPA 6010D	08/14/26 11:54
Barium	81.7			2.24	2.24	mg/kg dry	EPA 6010D	08/14/26 11:54
Beryllium	0.107			0.045	0.045	mg/kg dry	EPA 6010D	08/14/26 11:54
Cadmium	0.467			0.270	0.270	mg/kg dry	EPA 6010D	08/14/26 11:54
Calcium	2420			4.50	4.50	mg/kg dry	EPA 6010D	08/14/26 11:54
Chromium	11.7			0.450	0.450	mg/kg dry	EPA 6010D	08/14/26 11:54
Cobalt	3.43			0.359	0.359	mg/kg dry	EPA 6010D	08/14/26 11:54
Copper	40.9			1.80	1.80	mg/kg dry	EPA 6010D	08/14/26 11:54
Iron	8680			22.5	22.5	mg/kg dry	EPA 6010D	08/14/26 11:54
Lead	156			0.450	0.450	mg/kg dry	EPA 6010D	08/14/26 11:54
Magnesium	1370			4.50	4.50	mg/kg dry	EPA 6010D	08/14/26 11:54
Manganese	91.0			0.450	0.450	mg/kg dry	EPA 6010D	08/14/26 11:54
Nickel	13.1			0.895	0.895	mg/kg dry	EPA 6010D	08/14/26 11:54
Potassium	432			4.50	4.50	mg/kg dry	EPA 6010D	08/14/26 11:54
Sodium	79.3			45.0	45.0	mg/kg dry	EPA 6010D	08/14/26 11:54
Vanadium	16.0			0.895	0.895	mg/kg dry	EPA 6010D	08/14/26 11:54
Zinc	168			2.24	2.24	mg/kg dry	EPA 6010D	08/14/26 11:54
Barium	0.995			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:04
Lead	1.00			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:04
Mercury	0.284			0.0102	0.0324	mg/kg dry	EPA 7473	08/13/26 10:48
Aroclor 1260	0.0201			0.0179	0.0179	mg/kg dry	EPA 8082A	08/14/26 21:20
* Total PCBs	0.0355			0.0179	0.0179	mg/kg dry	EPA 8082A	08/14/26 21:20
Acenaphthylene	0.0415	J	J	0.0281	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Anthracene	0.0699	J	J	0.0293	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Benzo(a)anthracene	0.284			0.0287	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Benzo(a)pyrene	0.261			0.0324	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Benzo(b)fluoranthene	0.249			0.0330	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Benzo(g,h,i)perylene	0.150			0.0314	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Benzo(k)fluoranthene	0.206			0.0325	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Bis(2-ethylhexyl)phthalate	0.112			0.0379	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Chrysene	0.281			0.0282	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Dibenzo(a,h)anthracene	0.0569	J	J	0.0263	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Fluoranthene	0.460			0.0283	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Indeno(1,2,3-cd)pyrene	0.168			0.0341	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Phenanthrene	0.213			0.0282	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
Pyrene	0.538			0.0277	0.0878	mg/kg dry	EPA 8270E	08/19/26 13:07
pH	7.79	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 11:55
* % Solids	92.7		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-04 - HD161DPL GSI CS-2-G3								
* % Solids	94.1		B	0.100	0.100	%	SM 2540G	08/13/26 13:20

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-05 - HD161DPL GSI CS-3								
* Temperature	22.6	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 11:56
Aluminum	5330			4.56	4.56	mg/kg dry	EPA 6010D	08/14/26 12:03
Arsenic	3.81			1.37	1.37	mg/kg dry	EPA 6010D	08/14/26 12:03
Barium	85.1			2.28	2.28	mg/kg dry	EPA 6010D	08/14/26 12:03
Beryllium	0.165			0.046	0.046	mg/kg dry	EPA 6010D	08/14/26 12:03
Cadmium	0.849			0.274	0.274	mg/kg dry	EPA 6010D	08/14/26 12:03
Calcium	3350			4.57	4.57	mg/kg dry	EPA 6010D	08/14/26 12:03
Chromium	12.1			0.457	0.457	mg/kg dry	EPA 6010D	08/14/26 12:03
Cobalt	4.76			0.365	0.365	mg/kg dry	EPA 6010D	08/14/26 12:03
Copper	28.5			1.83	1.83	mg/kg dry	EPA 6010D	08/14/26 12:03
Iron	12200			22.8	22.8	mg/kg dry	EPA 6010D	08/14/26 12:03
Lead	172			0.457	0.457	mg/kg dry	EPA 6010D	08/14/26 12:03
Magnesium	1970			4.57	4.57	mg/kg dry	EPA 6010D	08/14/26 12:03
Manganese	175			0.457	0.457	mg/kg dry	EPA 6010D	08/14/26 12:03
Nickel	21.7			0.909	0.909	mg/kg dry	EPA 6010D	08/14/26 12:03
Potassium	680			4.57	4.57	mg/kg dry	EPA 6010D	08/14/26 12:03
Silver	1.65			0.460	0.460	mg/kg dry	EPA 6010D	08/14/26 12:03
Sodium	97.4			45.7	45.7	mg/kg dry	EPA 6010D	08/14/26 12:03
Vanadium	17.5			0.909	0.909	mg/kg dry	EPA 6010D	08/14/26 12:03
Zinc	122			2.27	2.27	mg/kg dry	EPA 6010D	08/14/26 12:03
Barium	0.845			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:12
Lead	0.280			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:12
Mercury	0.253			0.0104	0.0329	mg/kg dry	EPA 7473	08/13/26 10:48
2-Methylnaphthalene	0.0546	J	J	0.0273	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Acenaphthene	0.247			0.0330	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Acenaphthylene	0.0507	J	J	0.0285	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Anthracene	0.701			0.0298	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Benzo(a)anthracene	1.31			0.0291	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Benzo(a)pyrene	0.596			0.0329	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Benzo(b)fluoranthene	0.973			0.0335	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Benzo(g,h,i)perylene	0.405			0.0319	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Benzo(k)fluoranthene	0.842			0.0330	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Bis(2-ethylhexyl)phthalate	0.0468	J	J	0.0385	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Carbazole	0.268			0.0297	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Chrysene	1.18			0.0287	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Dibenzo(a,h)anthracene	0.174			0.0268	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Dibenzofuran	0.167			0.0295	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Fluoranthene	2.16		D	0.287	0.892	mg/kg dry	EPA 8270E	08/20/26 16:08
Fluorene	0.229			0.0337	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Indeno(1,2,3-cd)pyrene	0.497			0.0346	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Naphthalene	0.0589	J	J	0.0312	0.0892	mg/kg dry	EPA 8270E	08/19/26 13:37
Phenanthrene	2.10		D	0.287	0.892	mg/kg dry	EPA 8270E	08/20/26 16:08
Pyrene	2.28		D	0.281	0.892	mg/kg dry	EPA 8270E	08/20/26 16:08
pH	8.03	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 11:56

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-05 - HD161DPL GSI CS-3								
* % Solids	91.3		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-06 - HD161DPL GSI CS-3-G5								
* % Solids	90.4		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-07 - HD161DPL GSI CS-4								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 11:59
Aluminum	2440			6.02	6.02	mg/kg dry	EPA 6010D	08/14/26 12:04
Arsenic	2.60			1.81	1.81	mg/kg dry	EPA 6010D	08/14/26 12:04
Barium	65.1			3.01	3.01	mg/kg dry	EPA 6010D	08/14/26 12:04
Calcium	1030			6.02	6.02	mg/kg dry	EPA 6010D	08/14/26 12:04
Chromium	8.25			0.603	0.603	mg/kg dry	EPA 6010D	08/14/26 12:04
Cobalt	2.43			0.481	0.481	mg/kg dry	EPA 6010D	08/14/26 12:04
Copper	24.2			2.41	2.41	mg/kg dry	EPA 6010D	08/14/26 12:04
Iron	6270			30.1	30.1	mg/kg dry	EPA 6010D	08/14/26 12:04
Lead	185			0.603	0.603	mg/kg dry	EPA 6010D	08/14/26 12:04
Magnesium	869			6.03	6.03	mg/kg dry	EPA 6010D	08/14/26 12:04
Manganese	72.8			0.603	0.603	mg/kg dry	EPA 6010D	08/14/26 12:04
Nickel	8.85			1.20	1.20	mg/kg dry	EPA 6010D	08/14/26 12:04
Potassium	395			6.03	6.03	mg/kg dry	EPA 6010D	08/14/26 12:04
Sodium	63.6			60.2	60.2	mg/kg dry	EPA 6010D	08/14/26 12:04
Vanadium	21.2			1.20	1.20	mg/kg dry	EPA 6010D	08/14/26 12:04
Zinc	87.8			3.00	3.00	mg/kg dry	EPA 6010D	08/14/26 12:04
Lead	0.365			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:13
Mercury	0.120			0.0135	0.0426	mg/kg dry	EPA 7473	08/13/26 10:49
Benzo(a)anthracene	0.121			0.0383	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Benzo(a)pyrene	0.0985	J	J	0.0433	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Benzo(b)fluoranthene	0.0929	J	J	0.0441	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Benzo(g,h,i)perylene	0.0521	J	J	0.0419	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Benzo(k)fluoranthene	0.0816	J	J	0.0433	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Chrysene	0.117			0.0377	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Fluoranthene	0.219			0.0377	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Indeno(1,2,3-cd)pyrene	0.0568	J	J	0.0455	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Phenanthrene	0.153			0.0377	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
Pyrene	0.263			0.0370	0.117	mg/kg dry	EPA 8270E	08/19/26 14:37
pH	6.99	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 11:59
* % Solids	70.4		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-08 - HD161DPL GSI CS-4-G1								
* % Solids	93.7		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-09 - HD161DPL GSI CS-5								
* Temperature	22.4	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:01
Aluminum	5850			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:06
Arsenic	3.52			1.39	1.39	mg/kg dry	EPA 6010D	08/14/26 12:06
Barium	59.9			2.30	2.30	mg/kg dry	EPA 6010D	08/14/26 12:06
Beryllium	0.205			0.047	0.047	mg/kg dry	EPA 6010D	08/14/26 12:06

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-09 - HD161DPL GSI CS-5								
Calcium	1660			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:06
Chromium	15.8			0.462	0.462	mg/kg dry	EPA 6010D	08/14/26 12:06
Cobalt	6.05			0.369	0.369	mg/kg dry	EPA 6010D	08/14/26 12:06
Copper	22.6			1.85	1.85	mg/kg dry	EPA 6010D	08/14/26 12:06
Iron	11900			23.1	23.1	mg/kg dry	EPA 6010D	08/14/26 12:06
Lead	115			0.462	0.462	mg/kg dry	EPA 6010D	08/14/26 12:06
Magnesium	2550			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:06
Manganese	276			0.462	0.462	mg/kg dry	EPA 6010D	08/14/26 12:06
Nickel	37.0			0.920	0.920	mg/kg dry	EPA 6010D	08/14/26 12:06
Potassium	856			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:06
Sodium	94.8			46.2	46.2	mg/kg dry	EPA 6010D	08/14/26 12:06
Vanadium	20.6			0.920	0.920	mg/kg dry	EPA 6010D	08/14/26 12:06
Zinc	75.1			2.30	2.30	mg/kg dry	EPA 6010D	08/14/26 12:06
Barium	0.895			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:15
Lead	0.325			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:15
Mercury	0.563			0.0105	0.0332	mg/kg dry	EPA 7473	08/13/26 10:49
4,4'-DDT	0.00388		D	0.00292	0.00367	mg/kg dry	EPA 8081B	08/14/26 12:36
Anthracene	0.0693	J	J	0.0304	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Benzo(a)anthracene	0.245			0.0298	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Benzo(a)pyrene	0.116			0.0336	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Benzo(b)fluoranthene	0.167			0.0343	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Benzo(g,h,i)perylene	0.0882	J	J	0.0326	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Benzo(k)fluoranthene	0.154			0.0337	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Chrysene	0.221			0.0293	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Dibenzo(a,h)anthracene	0.0368	J	J	0.0273	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Fluoranthene	0.389			0.0293	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Indeno(1,2,3-cd)pyrene	0.104			0.0353	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Phenanthrene	0.233			0.0293	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
Pyrene	0.460			0.0287	0.0911	mg/kg dry	EPA 8270E	08/19/26 15:07
pH	7.75	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:01
* % Solids	90.3		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-10 - HD161DPL GSI CS-5-G2								
* % Solids	92.1		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-11 - HD161DPL GSI CS-6								
* Temperature	22.4	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:02
Aluminum	5910			4.51	4.51	mg/kg dry	EPA 6010D	08/14/26 12:07
Arsenic	3.44			1.35	1.35	mg/kg dry	EPA 6010D	08/14/26 12:07
Barium	93.4			2.25	2.25	mg/kg dry	EPA 6010D	08/14/26 12:07
Beryllium	0.159			0.045	0.045	mg/kg dry	EPA 6010D	08/14/26 12:07
Cadmium	0.325			0.270	0.270	mg/kg dry	EPA 6010D	08/14/26 12:07
Calcium	2800			4.51	4.51	mg/kg dry	EPA 6010D	08/14/26 12:07
Chromium	27.9			0.451	0.451	mg/kg dry	EPA 6010D	08/14/26 12:07
Cobalt	5.85			0.360	0.360	mg/kg dry	EPA 6010D	08/14/26 12:07
Copper	28.9			1.80	1.80	mg/kg dry	EPA 6010D	08/14/26 12:07

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-11 - HD161DPL GSI CS-6								
Iron	11100			22.5	22.5	mg/kg dry	EPA 6010D	08/14/26 12:07
Lead	138			0.451	0.451	mg/kg dry	EPA 6010D	08/14/26 12:07
Magnesium	2510			4.51	4.51	mg/kg dry	EPA 6010D	08/14/26 12:07
Manganese	246			0.451	0.451	mg/kg dry	EPA 6010D	08/14/26 12:07
Nickel	36.8			0.898	0.898	mg/kg dry	EPA 6010D	08/14/26 12:07
Potassium	998			4.51	4.51	mg/kg dry	EPA 6010D	08/14/26 12:07
Sodium	118			45.1	45.1	mg/kg dry	EPA 6010D	08/14/26 12:07
Vanadium	86.4			0.898	0.898	mg/kg dry	EPA 6010D	08/14/26 12:07
Zinc	94.1			2.24	2.24	mg/kg dry	EPA 6010D	08/14/26 12:07
Barium	0.898			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:16
Lead	0.275			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:16
Mercury	0.452			0.0103	0.0325	mg/kg dry	EPA 7473	08/13/26 10:49
Acenaphthene	0.0342	J	J	0.0329	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Acenaphthylene	0.0331	J	J	0.0284	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Anthracene	0.107			0.0297	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(a)anthracene	0.379			0.0291	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(a)pyrene	0.205			0.0328	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(b)fluoranthene	0.290			0.0334	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(g,h,i)perylene	0.156			0.0318	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(k)fluoranthene	0.283			0.0329	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Carbazole	0.0423	J	J	0.0296	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Chrysene	0.377			0.0286	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Dibenzo(a,h)anthracene	0.0626	J	J	0.0267	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Fluoranthene	0.632			0.0286	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Indeno(1,2,3-cd)pyrene	0.180			0.0345	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Phenanthrene	0.365			0.0286	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
Pyrene	0.772			0.0280	0.0889	mg/kg dry	EPA 8270E	08/19/26 15:36
pH	7.91	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:02
* % Solids	92.4		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-12 - HD161DPL GSI CS-6-G3								
* % Solids	93.4		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-13 - HD161DPL GSI CS-7								
* Temperature	22.5	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:04
Aluminum	4700			4.45	4.45	mg/kg dry	EPA 6010D	08/14/26 12:09
Arsenic	3.73			1.34	1.34	mg/kg dry	EPA 6010D	08/14/26 12:09
Barium	151			2.22	2.22	mg/kg dry	EPA 6010D	08/14/26 12:09
Beryllium	0.139			0.045	0.045	mg/kg dry	EPA 6010D	08/14/26 12:09
Cadmium	0.517			0.267	0.267	mg/kg dry	EPA 6010D	08/14/26 12:09
Calcium	6040			4.45	4.45	mg/kg dry	EPA 6010D	08/14/26 12:09
Chromium	14.9			0.446	0.446	mg/kg dry	EPA 6010D	08/14/26 12:09
Cobalt	4.04			0.356	0.356	mg/kg dry	EPA 6010D	08/14/26 12:09
Copper	42.2			1.78	1.78	mg/kg dry	EPA 6010D	08/14/26 12:09
Iron	9980			22.3	22.3	mg/kg dry	EPA 6010D	08/14/26 12:09
Lead	177			0.446	0.446	mg/kg dry	EPA 6010D	08/14/26 12:09

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-13 - HD161DPL GSI CS-7								
Magnesium	2790			4.46	4.46	mg/kg dry	EPA 6010D	08/14/26 12:09
Manganese	160			0.446	0.446	mg/kg dry	EPA 6010D	08/14/26 12:09
Nickel	21.2			0.887	0.887	mg/kg dry	EPA 6010D	08/14/26 12:09
Potassium	695			4.46	4.46	mg/kg dry	EPA 6010D	08/14/26 12:09
Sodium	101			44.5	44.5	mg/kg dry	EPA 6010D	08/14/26 12:09
Vanadium	17.4			0.887	0.887	mg/kg dry	EPA 6010D	08/14/26 12:09
Zinc	161			2.22	2.22	mg/kg dry	EPA 6010D	08/14/26 12:09
Barium	0.825			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:18
Lead	0.548			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:18
Zinc	1.46			0.110	0.625	mg/L	EPA 6010D/1311	08/17/26 15:18
Mercury	0.416			0.0103	0.0326	mg/kg dry	EPA 7473	08/13/26 10:49
4,4'-DDD	0.00997		D	0.00341	0.00360	mg/kg dry	EPA 8081B	08/14/26 13:10
4,4'-DDE	0.00418	P	DP	0.00145	0.00180	mg/kg dry	EPA 8081B	08/14/26 13:10
alpha-Chlordane	0.00491		D	0.00216	0.00360	mg/kg dry	EPA 8081B	08/14/26 13:10
gamma-Chlordane	0.00367	P	DP	0.00299	0.00360	mg/kg dry	EPA 8081B	08/14/26 13:10
Aroclor 1254	0.0193			0.0180	0.0180	mg/kg dry	EPA 8082A	08/14/26 22:28
Aroclor 1268	0.0187			0.0180	0.0180	mg/kg dry	EPA 8082A	08/14/26 22:28
* Total PCBs	0.0380			0.0180	0.0180	mg/kg dry	EPA 8082A	08/14/26 22:28
Acenaphthene	0.135			0.0328	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Acenaphthylene	0.126			0.0283	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Anthracene	0.394			0.0296	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Benzo(a)anthracene	1.19			0.0289	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Benzo(a)pyrene	0.551			0.0327	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Benzo(b)fluoranthene	0.837			0.0333	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Benzo(g,h,i)perylene	0.389			0.0317	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Benzo(k)fluoranthene	0.734			0.0327	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Bis(2-ethylhexyl)phthalate	0.639			0.0382	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Carbazole	0.0754	J	J	0.0295	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Chrysene	1.16			0.0284	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Dibenzo(a,h)anthracene	0.153			0.0265	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Dibenzofuran	0.0612	J	J	0.0293	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Diethyl phthalate	3.55		D	0.169	0.442	mg/kg dry	EPA 8270E	08/20/26 16:38
Di-n-butyl phthalate	0.977			0.0372	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Fluoranthene	1.78		D	0.142	0.442	mg/kg dry	EPA 8270E	08/20/26 16:38
Fluorene	0.107			0.0335	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Indeno(1,2,3-cd)pyrene	0.455			0.0343	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Phenanthrene	1.05			0.0284	0.0885	mg/kg dry	EPA 8270E	08/19/26 16:06
Pyrene	2.09		D	0.139	0.442	mg/kg dry	EPA 8270E	08/20/26 16:38
pH	7.67	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:04
* % Solids	92.0		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-14 - HD161DPL GSI CS-7-G6								
2-Butanone	0.0082			0.0029	0.0058	mg/kg dry	EPA 8260D	08/15/26 15:39
Acetone	0.049	CAL-E		0.0058	0.012	mg/kg dry	EPA 8260D	08/15/26 15:39
Carbon disulfide	0.0037	J	J	0.0029	0.0058	mg/kg dry	EPA 8260D	08/15/26 15:39

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-14 - HD161DPL GSI CS-7-G6								
* % Solids	92.9		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-15 - HD161DPL GSI CS-8								
* Temperature	22.4	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:05
Aluminum	6190			4.70	4.70	mg/kg dry	EPA 6010D	08/14/26 12:10
Arsenic	3.79			1.41	1.41	mg/kg dry	EPA 6010D	08/14/26 12:10
Barium	149			2.34	2.34	mg/kg dry	EPA 6010D	08/14/26 12:10
Beryllium	0.180			0.047	0.047	mg/kg dry	EPA 6010D	08/14/26 12:10
Cadmium	0.423			0.282	0.282	mg/kg dry	EPA 6010D	08/14/26 12:10
Calcium	3860			4.70	4.70	mg/kg dry	EPA 6010D	08/14/26 12:10
Chromium	16.5			0.470	0.470	mg/kg dry	EPA 6010D	08/14/26 12:10
Cobalt	5.84			0.375	0.375	mg/kg dry	EPA 6010D	08/14/26 12:10
Copper	43.2			1.88	1.88	mg/kg dry	EPA 6010D	08/14/26 12:10
Iron	12300			23.5	23.5	mg/kg dry	EPA 6010D	08/14/26 12:10
Lead	201			0.470	0.470	mg/kg dry	EPA 6010D	08/14/26 12:10
Magnesium	2500			4.70	4.70	mg/kg dry	EPA 6010D	08/14/26 12:10
Manganese	193			0.470	0.470	mg/kg dry	EPA 6010D	08/14/26 12:10
Nickel	33.7			0.935	0.935	mg/kg dry	EPA 6010D	08/14/26 12:10
Potassium	1010			4.70	4.70	mg/kg dry	EPA 6010D	08/14/26 12:10
Sodium	159			47.0	47.0	mg/kg dry	EPA 6010D	08/14/26 12:10
Vanadium	19.8			0.935	0.935	mg/kg dry	EPA 6010D	08/14/26 12:10
Zinc	130			2.34	2.34	mg/kg dry	EPA 6010D	08/14/26 12:10
Barium	0.782			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:19
Lead	0.580			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:19
Mercury	0.657			0.0107	0.0338	mg/kg dry	EPA 7473	08/13/26 10:49
4,4'-DDD	0.00546		D	0.00353	0.00373	mg/kg dry	EPA 8081B	08/14/26 13:27
4,4'-DDE	0.00205	P	DP	0.00150	0.00187	mg/kg dry	EPA 8081B	08/14/26 13:27
* Total PCBs	0.0299			0.0187	0.0187	mg/kg dry	EPA 8082A	08/14/26 22:42
Acenaphthene	0.0789	J	J	0.0340	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Acenaphthylene	0.0367	J	J	0.0293	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Anthracene	0.189			0.0307	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Benzo(a)anthracene	0.571			0.0300	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Benzo(a)pyrene	0.280			0.0339	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Benzo(b)fluoranthene	0.409			0.0345	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Benzo(g,h,i)perylene	0.224			0.0328	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Benzo(k)fluoranthene	0.359			0.0339	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Bis(2-ethylhexyl)phthalate	0.0885	J	J	0.0396	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Carbazole	0.0738	J	J	0.0306	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Chrysene	0.563			0.0295	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Dibenzo(a,h)anthracene	0.0877	J	J	0.0275	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Dibenzofuran	0.0334	J	J	0.0304	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Fluoranthene	0.996			0.0295	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Fluorene	0.0650	J	J	0.0347	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Indeno(1,2,3-cd)pyrene	0.269			0.0356	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
Phenanthrene	0.642			0.0295	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-15 - HD161DPL GSI CS-8								
Pyrene	1.13			0.0289	0.0917	mg/kg dry	EPA 8270E	08/19/26 16:36
pH	7.82	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:05
* % Solids	88.7		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-16 - HD161DPL GSI CS-8-G5								
2-Butanone	0.038			0.0028	0.0056	mg/kg dry	EPA 8260D	08/18/26 0:51
Acetone	0.69			0.0056	0.011	mg/kg dry	EPA 8260D	08/18/26 0:51
Carbon disulfide	0.0028	J	J	0.0028	0.0056	mg/kg dry	EPA 8260D	08/18/26 0:51
* % Solids	88.8		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-17 - HD161DPL GSI CS-9								
* Temperature	22.1	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:07
Aluminum	7970			5.58	5.58	mg/kg dry	EPA 6010D	08/14/26 12:12
Arsenic	6.02			1.67	1.67	mg/kg dry	EPA 6010D	08/14/26 12:12
Barium	181			2.78	2.78	mg/kg dry	EPA 6010D	08/14/26 12:12
Beryllium	0.205			0.056	0.056	mg/kg dry	EPA 6010D	08/14/26 12:12
Cadmium	0.669			0.335	0.335	mg/kg dry	EPA 6010D	08/14/26 12:12
Calcium	5740			5.58	5.58	mg/kg dry	EPA 6010D	08/14/26 12:12
Chromium	19.8			0.558	0.558	mg/kg dry	EPA 6010D	08/14/26 12:12
Cobalt	8.02			0.446	0.446	mg/kg dry	EPA 6010D	08/14/26 12:12
Copper	74.5			2.23	2.23	mg/kg dry	EPA 6010D	08/14/26 12:12
Iron	18400			27.9	27.9	mg/kg dry	EPA 6010D	08/14/26 12:12
Lead	729			0.558	0.558	mg/kg dry	EPA 6010D	08/14/26 12:12
Magnesium	3100			5.58	5.58	mg/kg dry	EPA 6010D	08/14/26 12:12
Manganese	244			0.558	0.558	mg/kg dry	EPA 6010D	08/14/26 12:12
Nickel	38.5			1.11	1.11	mg/kg dry	EPA 6010D	08/14/26 12:12
Potassium	1350			5.58	5.58	mg/kg dry	EPA 6010D	08/14/26 12:12
Silver	0.591			0.562	0.562	mg/kg dry	EPA 6010D	08/14/26 12:12
Sodium	151			55.8	55.8	mg/kg dry	EPA 6010D	08/14/26 12:12
Vanadium	33.2			1.11	1.11	mg/kg dry	EPA 6010D	08/14/26 12:12
Zinc	216			2.78	2.78	mg/kg dry	EPA 6010D	08/14/26 12:12
Barium	0.942			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:21
Lead	0.898			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:21
Mercury	0.651			0.0127	0.0402	mg/kg dry	EPA 7473	08/13/26 10:50
4,4'-DDD	0.0150		D	0.00631	0.00666	mg/kg dry	EPA 8081B	08/14/26 19:02
4,4'-DDE	0.00666		D	0.00268	0.00333	mg/kg dry	EPA 8081B	08/14/26 19:02
alpha-Chlordane	0.00698		D	0.00401	0.00666	mg/kg dry	EPA 8081B	08/14/26 19:02
gamma-Chlordane	0.00936		D	0.00553	0.00666	mg/kg dry	EPA 8081B	08/14/26 19:02
* Chlordane, total	0.0713		D	0.0242	0.0333	mg/kg dry	EPA 8081B	08/14/26 19:02
Aroclor 1242	0.0462			0.0333	0.0333	mg/kg dry	EPA 8082A	08/15/26 6:41
Aroclor 1254	0.0639			0.0333	0.0333	mg/kg dry	EPA 8082A	08/15/26 6:41
Aroclor 1260	0.0485			0.0333	0.0333	mg/kg dry	EPA 8082A	08/15/26 6:41
* Total PCBs	0.159			0.0333	0.0333	mg/kg dry	EPA 8082A	08/15/26 6:41
Acenaphthene	0.0530	J	J	0.0409	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Anthracene	0.140			0.0369	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Benzo(a)anthracene	0.436			0.0361	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-17 - HD161DPL GSI CS-9								
Benzo(a)pyrene	0.255			0.0408	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Benzo(b)fluoranthene	0.358			0.0415	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Benzo(g,h,i)perylene	0.246			0.0395	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Benzo(k)fluoranthene	0.318			0.0408	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Carbazole	0.0539	J	J	0.0368	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Chrysene	0.410			0.0355	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Dibenzo(a,h)anthracene	0.0901	J	J	0.0331	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Fluoranthene	0.723			0.0355	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Indeno(1,2,3-cd)pyrene	0.266			0.0428	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Phenanthrene	0.436			0.0355	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
Pyrene	0.777			0.0348	0.110	mg/kg dry	EPA 8270E	08/19/26 9:10
pH	7.82	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:07
* % Solids	74.7		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-18 - HD161DPL GSI CS-9-G3								
2-Butanone	0.023			0.0031	0.0062	mg/kg dry	EPA 8260D	08/15/26 16:33
Acetone	0.12	CAL-E		0.0062	0.012	mg/kg dry	EPA 8260D	08/15/26 16:33
Carbon disulfide	0.0034	J	J	0.0031	0.0062	mg/kg dry	EPA 8260D	08/15/26 16:33
* % Solids	89.0		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-19 - HD161DPL GSI CS-10								
* Temperature	22.9	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:11
Aluminum	6310			4.61	4.61	mg/kg dry	EPA 6010D	08/14/26 12:13
Arsenic	3.99			1.38	1.38	mg/kg dry	EPA 6010D	08/14/26 12:13
Barium	117			2.30	2.30	mg/kg dry	EPA 6010D	08/14/26 12:13
Beryllium	0.174			0.047	0.047	mg/kg dry	EPA 6010D	08/14/26 12:13
Cadmium	0.388			0.277	0.277	mg/kg dry	EPA 6010D	08/14/26 12:13
Calcium	7570			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:13
Chromium	15.6			0.462	0.462	mg/kg dry	EPA 6010D	08/14/26 12:13
Cobalt	5.53			0.369	0.369	mg/kg dry	EPA 6010D	08/14/26 12:13
Copper	51.2			1.85	1.85	mg/kg dry	EPA 6010D	08/14/26 12:13
Iron	11500			23.1	23.1	mg/kg dry	EPA 6010D	08/14/26 12:13
Lead	217			0.462	0.462	mg/kg dry	EPA 6010D	08/14/26 12:13
Magnesium	2900			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:13
Manganese	193			0.462	0.462	mg/kg dry	EPA 6010D	08/14/26 12:13
Nickel	23.8			0.919	0.919	mg/kg dry	EPA 6010D	08/14/26 12:13
Potassium	909			4.62	4.62	mg/kg dry	EPA 6010D	08/14/26 12:13
Sodium	132			46.2	46.2	mg/kg dry	EPA 6010D	08/14/26 12:13
Vanadium	31.6			0.919	0.919	mg/kg dry	EPA 6010D	08/14/26 12:13
Zinc	156			2.30	2.30	mg/kg dry	EPA 6010D	08/14/26 12:13
Barium	0.740			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:37
Lead	1.18			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:37
Mercury	0.592			0.0105	0.0332	mg/kg dry	EPA 7473	08/14/26 10:20
4,4'-DDD	0.0144		D	0.00347	0.00367	mg/kg dry	EPA 8081B	08/14/26 19:19
4,4'-DDE	0.00494		D	0.00148	0.00183	mg/kg dry	EPA 8081B	08/14/26 19:19
4,4'-DDT	0.00464	P	DP	0.00292	0.00367	mg/kg dry	EPA 8081B	08/14/26 19:19

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-19 - HD161DPL GSI CS-10								
alpha-Chlordane	0.00795		D	0.00221	0.00367	mg/kg dry	EPA 8081B	08/14/26 19:19
gamma-Chlordane	0.00932		D	0.00305	0.00367	mg/kg dry	EPA 8081B	08/14/26 19:19
* Chlordane, total	0.0621	P	DP	0.0133	0.0183	mg/kg dry	EPA 8081B	08/14/26 19:19
Aroclor 1242	0.0268			0.0183	0.0183	mg/kg dry	EPA 8082A	08/15/26 6:55
Aroclor 1254	0.0375			0.0183	0.0183	mg/kg dry	EPA 8082A	08/15/26 6:55
Aroclor 1260	0.0266			0.0183	0.0183	mg/kg dry	EPA 8082A	08/15/26 6:55
* Total PCBs	0.0908			0.0183	0.0183	mg/kg dry	EPA 8082A	08/15/26 6:55
Acenaphthene	0.0921			0.0338	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Acenaphthylene	0.0340	J	J	0.0292	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Anthracene	0.201			0.0305	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Benzo(a)anthracene	0.760			0.0298	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Benzo(a)pyrene	0.491			0.0337	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Benzo(b)fluoranthene	0.718			0.0344	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Benzo(g,h,i)perylene	0.463			0.0327	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Benzo(k)fluoranthene	0.585			0.0338	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Bis(2-ethylhexyl)phthalate	0.0621	J	J	0.0395	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Carbazole	0.0658	J	J	0.0304	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Chrysene	0.763			0.0294	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Dibenzo(a,h)anthracene	0.166			0.0274	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Fluoranthene	1.29			0.0294	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Fluorene	0.0486	J	J	0.0346	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Indeno(1,2,3-cd)pyrene	0.493			0.0354	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Phenanthrene	0.543			0.0294	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
Pyrene	1.34			0.0288	0.0913	mg/kg dry	EPA 8270E	08/19/26 9:40
pH	7.62	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:11
* % Solids	90.3		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-20 - HD161DPL GSI CS-10-G7								
2-Butanone	0.018			0.0030	0.0061	mg/kg dry	EPA 8260D	08/15/26 17:00
Acetone	0.10	CAL-E		0.0061	0.012	mg/kg dry	EPA 8260D	08/15/26 17:00
Carbon disulfide	0.0034	J	J	0.0030	0.0061	mg/kg dry	EPA 8260D	08/15/26 17:00
* % Solids	91.7		B	0.100	0.100	%	SM 2540G	08/13/26 13:20
26H0577-21 - HD161DPL GSI CS-11								
* Temperature	22.1	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:12
Aluminum	6780			4.93	4.93	mg/kg dry	EPA 6010D	08/14/26 12:15
Arsenic	6.53			1.48	1.48	mg/kg dry	EPA 6010D	08/14/26 12:15
Barium	270			2.46	2.46	mg/kg dry	EPA 6010D	08/14/26 12:15
Beryllium	0.198			0.050	0.050	mg/kg dry	EPA 6010D	08/14/26 12:15
Cadmium	0.987			0.296	0.296	mg/kg dry	EPA 6010D	08/14/26 12:15
Calcium	5430			4.93	4.93	mg/kg dry	EPA 6010D	08/14/26 12:15
Chromium	20.2			0.494	0.494	mg/kg dry	EPA 6010D	08/14/26 12:15
Cobalt	5.41			0.394	0.394	mg/kg dry	EPA 6010D	08/14/26 12:15
Copper	90.1			1.97	1.97	mg/kg dry	EPA 6010D	08/14/26 12:15
Iron	15400			24.7	24.7	mg/kg dry	EPA 6010D	08/14/26 12:15
Lead	360			0.494	0.494	mg/kg dry	EPA 6010D	08/14/26 12:15

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-21 - HD161DPL GSI CS-11								
Magnesium	2270			4.94	4.94	mg/kg dry	EPA 6010D	08/14/26 12:15
Manganese	157			0.494	0.494	mg/kg dry	EPA 6010D	08/14/26 12:15
Nickel	25.1			0.983	0.983	mg/kg dry	EPA 6010D	08/14/26 12:15
Potassium	883			4.94	4.94	mg/kg dry	EPA 6010D	08/14/26 12:15
Silver	0.997			0.497	0.497	mg/kg dry	EPA 6010D	08/14/26 12:15
Sodium	155			49.3	49.3	mg/kg dry	EPA 6010D	08/14/26 12:15
Vanadium	24.9			0.983	0.983	mg/kg dry	EPA 6010D	08/14/26 12:15
Zinc	318			2.46	2.46	mg/kg dry	EPA 6010D	08/14/26 12:15
Barium	0.708			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 15:38
Lead	0.860			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 15:38
Mercury	0.610			0.0111	0.0349	mg/kg dry	EPA 7473	08/14/26 10:21
4,4'-DDD	0.0150		D	0.00365	0.00386	mg/kg dry	EPA 8081B	08/14/26 19:35
4,4'-DDE	0.00668		D	0.00155	0.00193	mg/kg dry	EPA 8081B	08/14/26 19:35
4,4'-DDT	0.00626	P	DP	0.00307	0.00386	mg/kg dry	EPA 8081B	08/14/26 19:35
gamma-Chlordane	0.00408		D	0.00320	0.00386	mg/kg dry	EPA 8081B	08/14/26 19:35
Heptachlor epoxide	0.00221		D	0.00106	0.00193	mg/kg dry	EPA 8081B	08/14/26 19:35
* Chlordane, total	0.0406		D	0.0140	0.0193	mg/kg dry	EPA 8081B	08/14/26 19:35
Aroclor 1242	0.0298			0.0193	0.0193	mg/kg dry	EPA 8082A	08/15/26 7:09
Aroclor 1254	0.0345			0.0193	0.0193	mg/kg dry	EPA 8082A	08/15/26 7:09
Aroclor 1260	0.0257			0.0193	0.0193	mg/kg dry	EPA 8082A	08/15/26 7:09
* Total PCBs	0.0900			0.0193	0.0193	mg/kg dry	EPA 8082A	08/15/26 7:09
Acenaphthene	0.0392	J	J	0.0356	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Acenaphthylene	0.0346	J	J	0.0307	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Anthracene	0.108			0.0321	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Benzo(a)anthracene	0.420			0.0314	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Benzo(a)pyrene	0.386			0.0355	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Benzo(b)fluoranthene	0.353			0.0361	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Benzo(g,h,i)perylene	0.249			0.0344	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Benzo(k)fluoranthene	0.320			0.0355	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Benzyl butyl phthalate	0.0523	J	J	0.0419	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Carbazole	0.0377	J	J	0.0320	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Chrysene	0.415			0.0309	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Dibenzo(a,h)anthracene	0.0869	J	J	0.0288	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Fluoranthene	0.744			0.0309	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Indeno(1,2,3-cd)pyrene	0.267			0.0372	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Phenanthrene	0.341			0.0309	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
Pyrene	0.753			0.0303	0.0960	mg/kg dry	EPA 8270E	08/19/26 10:10
pH	7.62	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:12
* % Solids	85.9		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-22 - HD161DPL GSI CS-11-G8								
2-Butanone	0.019			0.0035	0.0069	mg/kg dry	EPA 8260D	08/15/26 17:27
Acetone	0.13	CAL-E		0.0069	0.014	mg/kg dry	EPA 8260D	08/15/26 17:27
Carbon disulfide	0.0045	J	J	0.0035	0.0069	mg/kg dry	EPA 8260D	08/15/26 17:27
* % Solids	87.6		B	0.100	0.100	%	SM 2540G	08/13/26 14:05

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-23 - HD161DPL GSI CS-12								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:13
Aluminum	6590			4.73	4.73	mg/kg dry	EPA 6010D	08/14/26 12:16
Arsenic	6.90			1.42	1.42	mg/kg dry	EPA 6010D	08/14/26 12:16
Barium	258			2.36	2.36	mg/kg dry	EPA 6010D	08/14/26 12:16
Beryllium	0.228			0.048	0.048	mg/kg dry	EPA 6010D	08/14/26 12:16
Cadmium	1.23			0.284	0.284	mg/kg dry	EPA 6010D	08/14/26 12:16
Calcium	8950			4.73	4.73	mg/kg dry	EPA 6010D	08/14/26 12:16
Chromium	20.3			0.474	0.474	mg/kg dry	EPA 6010D	08/14/26 12:16
Cobalt	6.51			0.378	0.378	mg/kg dry	EPA 6010D	08/14/26 12:16
Copper	88.9			1.89	1.89	mg/kg dry	EPA 6010D	08/14/26 12:16
Iron	17200			23.7	23.7	mg/kg dry	EPA 6010D	08/14/26 12:16
Lead	362			0.474	0.474	mg/kg dry	EPA 6010D	08/14/26 12:16
Magnesium	2720			4.74	4.74	mg/kg dry	EPA 6010D	08/14/26 12:16
Manganese	193			0.474	0.474	mg/kg dry	EPA 6010D	08/14/26 12:16
Nickel	28.2			0.943	0.943	mg/kg dry	EPA 6010D	08/14/26 12:16
Potassium	860			4.74	4.74	mg/kg dry	EPA 6010D	08/14/26 12:16
Silver	0.861			0.477	0.477	mg/kg dry	EPA 6010D	08/14/26 12:16
Sodium	144			47.3	47.3	mg/kg dry	EPA 6010D	08/14/26 12:16
Vanadium	22.7			0.943	0.943	mg/kg dry	EPA 6010D	08/14/26 12:16
Zinc	323			2.36	2.36	mg/kg dry	EPA 6010D	08/14/26 12:16
Barium	0.815			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:03
Lead	1.04			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:03
Mercury	0.817			0.0111	0.0352	mg/kg dry	EPA 7473	08/14/26 10:21
4,4'-DDD	0.0236		D	0.00368	0.00389	mg/kg dry	EPA 8081B	08/14/26 19:52
4,4'-DDE	0.00612		D	0.00156	0.00194	mg/kg dry	EPA 8081B	08/14/26 19:52
4,4'-DDT	0.00456	P	DP	0.00309	0.00389	mg/kg dry	EPA 8081B	08/14/26 19:52
alpha-Chlordane	0.00651		D	0.00234	0.00389	mg/kg dry	EPA 8081B	08/14/26 19:52
gamma-Chlordane	0.00816		D	0.00323	0.00389	mg/kg dry	EPA 8081B	08/14/26 19:52
Heptachlor epoxide	0.00269		D	0.00107	0.00194	mg/kg dry	EPA 8081B	08/14/26 19:52
* Chlordane, total	0.0438	P	DP	0.0141	0.0194	mg/kg dry	EPA 8081B	08/14/26 19:52
Aroclor 1242	0.0299			0.0194	0.0194	mg/kg dry	EPA 8082A	08/15/26 7:23
Aroclor 1254	0.0401			0.0194	0.0194	mg/kg dry	EPA 8082A	08/15/26 7:23
Aroclor 1260	0.0301			0.0194	0.0194	mg/kg dry	EPA 8082A	08/15/26 7:23
* Total PCBs	0.100			0.0194	0.0194	mg/kg dry	EPA 8082A	08/15/26 7:23
1,1-Biphenyl	0.0598	J	J	0.0397	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
2-Methylnaphthalene	0.279			0.0294	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Acenaphthene	0.598			0.0355	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Acenaphthylene	0.143			0.0306	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Anthracene	1.24			0.0320	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Benzo(a)anthracene	2.42		D	0.313	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08
Benzo(a)pyrene	1.25			0.0354	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Benzo(b)fluoranthene	1.53		D	0.360	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08
Benzo(g,h,i)perylene	1.06			0.0343	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Benzo(k)fluoranthene	1.51		D	0.354	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-23 - HD161DPL GSI CS-12								
Bis(2-ethylhexyl)phthalate	0.127			0.0414	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Carbazole	0.385			0.0319	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Chrysene	2.25		D	0.308	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08
Dibenzo(a,h)anthracene	0.422			0.0288	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Dibenzofuran	0.309			0.0317	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Di-n-butyl phthalate	0.158			0.0403	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Fluoranthene	4.07		D	0.308	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08
Fluorene	0.568			0.0363	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Indeno(1,2,3-cd)pyrene	1.27			0.0372	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Naphthalene	0.514			0.0335	0.0958	mg/kg dry	EPA 8270E	08/19/26 10:40
Phenanthrene	3.73		D	0.308	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08
Pyrene	4.86		D	0.302	0.958	mg/kg dry	EPA 8270E	08/20/26 17:08
pH	7.68	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:13
* % Solids	85.2		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-24 - HD161DPL GSI CS-12-G7								
2-Butanone	0.017			0.0028	0.0057	mg/kg dry	EPA 8260D	08/15/26 17:54
Acetone	0.090	CAL-E		0.0057	0.011	mg/kg dry	EPA 8260D	08/15/26 17:54
* % Solids	85.9		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-25 - HD161DPL GSI CS-13								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:14
Aluminum	7230			4.79	4.79	mg/kg dry	EPA 6010D	08/14/26 12:27
Arsenic	5.49			1.44	1.44	mg/kg dry	EPA 6010D	08/14/26 12:27
Barium	139			2.39	2.39	mg/kg dry	EPA 6010D	08/14/26 12:27
Beryllium	0.198			0.048	0.048	mg/kg dry	EPA 6010D	08/14/26 12:27
Cadmium	0.345			0.288	0.288	mg/kg dry	EPA 6010D	08/14/26 12:27
Calcium	13700			4.79	4.79	mg/kg dry	EPA 6010D	08/14/26 12:27
Chromium	16.9			0.480	0.480	mg/kg dry	EPA 6010D	08/14/26 12:27
Cobalt	5.31			0.383	0.383	mg/kg dry	EPA 6010D	08/14/26 12:27
Copper	33.5			1.92	1.92	mg/kg dry	EPA 6010D	08/14/26 12:27
Iron	12200			24.0	24.0	mg/kg dry	EPA 6010D	08/14/26 12:27
Lead	213			0.480	0.480	mg/kg dry	EPA 6010D	08/14/26 12:27
Magnesium	2870			4.80	4.80	mg/kg dry	EPA 6010D	08/14/26 12:27
Manganese	199			0.480	0.480	mg/kg dry	EPA 6010D	08/14/26 12:27
Nickel	22.8			0.955	0.955	mg/kg dry	EPA 6010D	08/14/26 12:27
Potassium	1040			4.80	4.80	mg/kg dry	EPA 6010D	08/14/26 12:27
Sodium	186			47.9	47.9	mg/kg dry	EPA 6010D	08/14/26 12:27
Vanadium	20.9			0.955	0.955	mg/kg dry	EPA 6010D	08/14/26 12:27
Zinc	167			2.39	2.39	mg/kg dry	EPA 6010D	08/14/26 12:27
Barium	0.700			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:05
Lead	0.588			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:05
Mercury	0.564			0.0109	0.0345	mg/kg dry	EPA 7473	08/14/26 10:21
4,4'-DDE	0.00667		D	0.00153	0.00190	mg/kg dry	EPA 8081B	08/14/26 13:22
4,4'-DDT	0.00596	P	DP	0.00303	0.00381	mg/kg dry	EPA 8081B	08/14/26 13:22
alpha-Chlordane	0.00955		D	0.00229	0.00381	mg/kg dry	EPA 8081B	08/14/26 13:22

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-25 - HD161DPL GSI CS-13								
gamma-Chlordane	0.0110		D	0.00316	0.00381	mg/kg dry	EPA 8081B	08/14/26 13:22
Aroclor 1242	0.0311			0.0190	0.0190	mg/kg dry	EPA 8082A	08/15/26 7:36
Aroclor 1254	0.0453			0.0190	0.0190	mg/kg dry	EPA 8082A	08/15/26 7:36
* Total PCBs	0.0764			0.0190	0.0190	mg/kg dry	EPA 8082A	08/15/26 7:36
Acenaphthene	0.162			0.0348	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Acenaphthylene	0.177			0.0300	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Anthracene	0.616			0.0314	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Benzo(a)anthracene	2.24		D	0.307	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Benzo(a)pyrene	1.74		D	0.347	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Benzo(b)fluoranthene	1.57		D	0.353	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Benzo(g,h,i)perylene	1.07			0.0336	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Benzo(k)fluoranthene	1.42		D	0.347	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Bis(2-ethylhexyl)phthalate	0.0756	J	J	0.0406	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Carbazole	0.139			0.0313	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Chrysene	2.05		D	0.302	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Dibenzo(a,h)anthracene	0.455			0.0282	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Dibenzofuran	0.0556	J	J	0.0311	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Fluoranthene	3.35		D	0.302	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Fluorene	0.127			0.0355	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Indeno(1,2,3-cd)pyrene	1.31			0.0364	0.0939	mg/kg dry	EPA 8270E	08/19/26 11:09
Phenanthrene	1.50		D	0.302	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
Pyrene	3.81		D	0.296	0.939	mg/kg dry	EPA 8270E	08/20/26 17:38
pH	7.62	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:14
* % Solids	86.9		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-26 - HD161DPL GSI CS-13-G4								
2-Butanone	0.0082			0.0028	0.0055	mg/kg dry	EPA 8260D	08/15/26 18:21
Acetone	0.052	CAL-E		0.0055	0.011	mg/kg dry	EPA 8260D	08/15/26 18:21
* % Solids	90.7		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-27 - HD161DPL GSI CS-14								
* Temperature	22.0	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:18
Aluminum	7390			5.13	5.13	mg/kg dry	EPA 6010D	08/14/26 12:29
Arsenic	6.92			1.54	1.54	mg/kg dry	EPA 6010D	08/14/26 12:29
Barium	245			2.56	2.56	mg/kg dry	EPA 6010D	08/14/26 12:29
Beryllium	0.220			0.052	0.052	mg/kg dry	EPA 6010D	08/14/26 12:29
Cadmium	1.05			0.308	0.308	mg/kg dry	EPA 6010D	08/14/26 12:29
Calcium	6750			5.13	5.13	mg/kg dry	EPA 6010D	08/14/26 12:29
Chromium	18.4			0.514	0.514	mg/kg dry	EPA 6010D	08/14/26 12:29
Cobalt	6.10			0.410	0.410	mg/kg dry	EPA 6010D	08/14/26 12:29
Copper	59.0			2.05	2.05	mg/kg dry	EPA 6010D	08/14/26 12:29
Iron	17100			25.7	25.7	mg/kg dry	EPA 6010D	08/14/26 12:29
Lead	390			0.514	0.514	mg/kg dry	EPA 6010D	08/14/26 12:29
Magnesium	2910			5.14	5.14	mg/kg dry	EPA 6010D	08/14/26 12:29
Manganese	249			0.514	0.514	mg/kg dry	EPA 6010D	08/14/26 12:29
Nickel	21.8			1.02	1.02	mg/kg dry	EPA 6010D	08/14/26 12:29

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-27 - HD161DPL GSI CS-14								
Potassium	1020			5.14	5.14	mg/kg dry	EPA 6010D	08/14/26 12:29
Silver	0.554			0.517	0.517	mg/kg dry	EPA 6010D	08/14/26 12:29
Sodium	237			51.3	51.3	mg/kg dry	EPA 6010D	08/14/26 12:29
Vanadium	32.4			1.02	1.02	mg/kg dry	EPA 6010D	08/14/26 12:29
Zinc	348			2.56	2.56	mg/kg dry	EPA 6010D	08/14/26 12:29
Barium	0.825			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:06
Lead	1.10			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:06
Mercury	0.493			0.0119	0.0376	mg/kg dry	EPA 7473	08/14/26 10:21
4,4'-DDD	0.00829		D	0.00393	0.00415	mg/kg dry	EPA 8081B	08/14/26 13:38
4,4'-DDE	0.00285		D	0.00167	0.00207	mg/kg dry	EPA 8081B	08/14/26 13:38
4,4'-DDT	0.00418	P	DP	0.00330	0.00415	mg/kg dry	EPA 8081B	08/14/26 13:38
Aroclor 1254	0.0406			0.0207	0.0207	mg/kg dry	EPA 8082A	08/15/26 7:50
* Total PCBs	0.0588			0.0207	0.0207	mg/kg dry	EPA 8082A	08/15/26 7:50
Anthracene	0.0481	J	J	0.0341	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Benzo(a)anthracene	0.157			0.0333	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Benzo(a)pyrene	0.134			0.0376	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Benzo(b)fluoranthene	0.0902	J	J	0.0383	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Benzo(g,h,i)perylene	0.0910	J	J	0.0365	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Benzo(k)fluoranthene	0.100	J	J	0.0377	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Chrysene	0.159			0.0328	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Fluoranthene	0.270			0.0328	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Indeno(1,2,3-cd)pyrene	0.0922	J	J	0.0395	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Phenanthrene	0.168			0.0328	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
Pyrene	0.308			0.0322	0.102	mg/kg dry	EPA 8270E	08/19/26 11:39
pH	7.63	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:18
* % Solids	79.8		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-28 - HD161DPL GSI CS-14-G2								
2-Butanone	0.021			0.0030	0.0059	mg/kg dry	EPA 8260D	08/15/26 18:48
Acetone	0.10	CAL-E		0.0059	0.012	mg/kg dry	EPA 8260D	08/15/26 18:48
* % Solids	86.4		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-29 - HD161DPL GSI CS-15								
* Temperature	22.1	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:33
Aluminum	6870			4.83	4.83	mg/kg dry	EPA 6010D	08/14/26 12:57
Arsenic	5.42			1.45	1.45	mg/kg dry	EPA 6010D	08/14/26 12:57
Barium	130			2.41	2.41	mg/kg dry	EPA 6010D	08/14/26 12:57
Beryllium	2.91			0.049	0.049	mg/kg dry	EPA 6010D	08/14/26 12:57
Cadmium	0.830			0.290	0.290	mg/kg dry	EPA 6010D	08/14/26 12:57
Calcium	6750			4.83	4.83	mg/kg dry	EPA 6010D	08/14/26 12:57
Chromium	17.5			0.483	0.483	mg/kg dry	EPA 6010D	08/14/26 12:57
Cobalt	5.45			0.386	0.386	mg/kg dry	EPA 6010D	08/14/26 12:57
Copper	30.4			1.93	1.93	mg/kg dry	EPA 6010D	08/14/26 12:57
Iron	11300			24.1	24.1	mg/kg dry	EPA 6010D	08/14/26 12:57
Lead	232			0.483	0.483	mg/kg dry	EPA 6010D	08/14/26 12:57
Magnesium	2320			4.83	4.83	mg/kg dry	EPA 6010D	08/14/26 12:57

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0577-29 - HD161DPL GSI CS-15								
Manganese	182			0.483	0.483	mg/kg dry	EPA 6010D	08/14/26 12:57
Nickel	21.4			0.962	0.962	mg/kg dry	EPA 6010D	08/14/26 12:57
Potassium	1070			4.83	4.83	mg/kg dry	EPA 6010D	08/14/26 12:57
Sodium	145			48.3	48.3	mg/kg dry	EPA 6010D	08/14/26 12:57
Vanadium	23.7			0.962	0.962	mg/kg dry	EPA 6010D	08/14/26 12:57
Zinc	193			2.40	2.40	mg/kg dry	EPA 6010D	08/14/26 12:57
Barium	0.790			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:08
Lead	13.8			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:08
Mercury	0.439			0.0110	0.0348	mg/kg dry	EPA 7473	08/14/26 10:21
4,4'-DDD	0.0105		D	0.00363	0.00384	mg/kg dry	EPA 8081B	08/14/26 15:39
4,4'-DDE	0.00415		D	0.00154	0.00192	mg/kg dry	EPA 8081B	08/14/26 15:39
alpha-Chlordane	0.00453		D	0.00231	0.00384	mg/kg dry	EPA 8081B	08/14/26 15:39
gamma-Chlordane	0.00509		D	0.00319	0.00384	mg/kg dry	EPA 8081B	08/14/26 15:39
Aroclor 1242	0.0513			0.0192	0.0192	mg/kg dry	EPA 8082A	08/15/26 8:04
Aroclor 1254	0.0465			0.0192	0.0192	mg/kg dry	EPA 8082A	08/15/26 8:04
* Total PCBs	0.0977			0.0192	0.0192	mg/kg dry	EPA 8082A	08/15/26 8:04
2-Methylnaphthalene	0.0424	J	J	0.0290	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Acenaphthene	0.122			0.0351	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Acenaphthylene	0.0939	J	J	0.0303	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Anthracene	0.361			0.0316	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Benzo(a)anthracene	1.19			0.0309	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Benzo(a)pyrene	1.01			0.0349	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Benzo(b)fluoranthene	0.873			0.0356	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Benzo(g,h,i)perylene	0.534			0.0339	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Benzo(k)fluoranthene	0.791			0.0350	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Bis(2-ethylhexyl)phthalate	0.219			0.0409	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Carbazole	0.120			0.0315	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Chrysene	1.20			0.0304	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Dibenzo(a,h)anthracene	0.199			0.0284	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Dibenzofuran	0.0534	J	J	0.0313	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Di-n-butyl phthalate	0.0666	J	J	0.0398	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Fluoranthene	1.62		D	0.305	0.946	mg/kg dry	EPA 8270E	08/20/26 18:07
Fluorene	0.103			0.0358	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Indeno(1,2,3-cd)pyrene	0.601			0.0367	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Naphthalene	0.0689	J	J	0.0331	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Phenanthrene	1.19			0.0304	0.0946	mg/kg dry	EPA 8270E	08/19/26 12:08
Pyrene	2.18		D	0.298	0.946	mg/kg dry	EPA 8270E	08/20/26 18:07
pH	7.56	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:33
* % Solids	86.3		B	0.100	0.100	%	SM 2540G	08/13/26 14:05
26H0577-30 - HD161DPL GSI CS-15-G1								
Acetone	0.027	CAL-E		0.0057	0.011	mg/kg dry	EPA 8260D	08/15/26 19:15
* % Solids	86.6		B	0.100	0.100	%	SM 2540G	08/13/26 14:05

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-01**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1	**Collection Date/Time:**	8/11/26 8:45

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0373	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0305	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
1,2,4-Trichlorobenzene	ND		U	0.0331	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
1,2-Dichlorobenzene	ND		U	0.0285	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0287	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
1,3-Dichlorobenzene	ND		U	0.0333	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
1,4-Dichlorobenzene	ND		U	0.0274	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0431	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,4,5-Trichlorophenol	ND		U	0.0427	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,4,6-Trichlorophenol	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,4-Dichlorophenol	ND		U	0.0314	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,4-Dimethylphenol	ND		U	0.0391	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,4-Dinitrophenol	ND		U	0.0351	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,4-Dinitrotoluene	ND		U	0.0341	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2,6-Dinitrotoluene	ND		U	0.0374	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2-Chloronaphthalene	ND		U	0.0299	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2-Chlorophenol	ND		U	0.0268	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2-Methylnaphthalene	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2-Methylphenol	ND		U	0.0286	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2-Nitroaniline	ND		U	0.0254	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
2-Nitrophenol	ND		U	0.0401	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
* 3- & 4-Methylphenols	ND		U	0.0281	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
3,3-Dichlorobenzidine	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
3-Nitroaniline	ND		U	0.0341	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0470	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4-Bromophenyl phenyl ether	ND		U	0.0371	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4-Chloro-3-methylphenol	ND		U	0.0298	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4-Chloroaniline	ND		U	0.0283	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4-Chlorophenyl phenyl ether	ND		U	0.0374	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4-Nitroaniline	ND		U	0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
4-Nitrophenol	ND		U	0.0531	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Acenaphthene	**0.0511**	J	J	0.0333	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Acenaphthylene	**0.0640**	J	J	0.0287	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Acetophenone	ND		U	0.0275	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Aniline	ND		U	0.0391	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Anthracene	**0.194**			0.0300	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Atrazine	ND		U	0.0321	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzaldehyde	ND		U	0.0327	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzidine	ND		U	0.0109	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzo(a)anthracene	**0.669**			0.0294	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzo(a)pyrene	**0.352**			0.0332	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzo(b)fluoranthene	**0.448**			0.0338	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzo(g,h,i)perylene	**0.281**			0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzo(k)fluoranthene	**0.401**			0.0332	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-01**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1	**Collection Date/Time:**	8/11/26 8:45

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0378	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzyl alcohol	ND		U	0.0279	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Benzyl butyl phthalate	ND		U	0.0392	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Bis(2-chloroethoxy)methane	ND		U	0.0280	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Bis(2-chloroethyl)ether	ND		U	0.0209	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0399	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0388	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Caprolactam	ND		U	0.0438	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Carbazole	**0.0687**	J	J	0.0299	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Chrysene	**0.656**			0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Dibenzo(a,h)anthracene	**0.111**			0.0270	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Dibenzofuran	ND		U	0.0298	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Diethyl phthalate	ND		U	0.0343	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Dimethyl phthalate	ND		U	0.0308	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Di-n-butyl phthalate	ND		U	0.0378	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Di-n-octyl phthalate	ND		U	0.0288	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Fluoranthene	**1.12**			0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Fluorene	**0.0529**	J	J	0.0340	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Hexachlorobenzene	ND		U	0.0364	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Hexachlorobutadiene	ND		U	0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Hexachlorocyclopentadiene	ND		U	0.0452	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Hexachloroethane	ND		U	0.0349	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Indeno(1,2,3-cd)pyrene	**0.328**			0.0349	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Isophorone	ND		U	0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Naphthalene	ND		U	0.0314	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Nitrobenzene	ND		U	0.0304	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
N-Nitrosodimethylamine	ND		U	0.0392	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
N-nitroso-di-n-propylamine	ND		U	0.0293	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
N-Nitrosodiphenylamine	ND		U	0.0362	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Pentachlorophenol	ND		U	0.0401	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Phenanthrene	**0.685**			0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Phenol	ND		U	0.0380	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR
Pyrene	**1.31**			0.0283	0.0899	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:38	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*79.4 %*			*20-108*	*EPA 8270E*	*8/19/26 12:38*
Surrogate: SURR: Phenol-d6	*77.9 %*			*23-114*	*EPA 8270E*	*8/19/26 12:38*
Surrogate: SURR: Nitrobenzene-d5	*80.8 %*			*22-108*	*EPA 8270E*	*8/19/26 12:38*
Surrogate: SURR: 2-Fluorobiphenyl	*59.2 %*			*21-113*	*EPA 8270E*	*8/19/26 12:38*
Surrogate: SURR: 2,4,6-Tribromophenol	*54.4 %*			*19-110*	*EPA 8270E*	*8/19/26 12:38*
Surrogate: SURR: Terphenyl-d14	*68.3 %*			*24-116*	*EPA 8270E*	*8/19/26 12:38*

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-01**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1	**Collection Date/Time:**	8/11/26 8:45

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00549**		D	0.00346	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
4,4'-DDE [2C]	ND		U	0.00147	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
4,4'-DDT	**0.00595**		D	0.00291	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Aldrin	ND		U	0.00116	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
alpha-BHC	ND		U	0.00503	0.00549	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
alpha-Chlordane [2C]	ND		U	0.00220	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
beta-BHC	ND		U	0.00576	0.00823	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
delta-BHC	ND		U	0.00510	0.00549	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Dieldrin	ND		U	0.00268	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Endosulfan II	ND		U	0.00222	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Endosulfan sulfate	ND		U	0.00183	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Endrin	ND		U	0.00276	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Endrin aldehyde	ND		U	0.00411	0.00549	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Endrin ketone	ND		U	0.00269	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
gamma-BHC (Lindane)	ND		U	0.00235	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
gamma-Chlordane	**0.00420**		D	0.00304	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Heptachlor	ND		U	0.00186	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Heptachlor epoxide	ND		U	0.00100	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Methoxychlor	ND		U	0.00264	0.00366	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
Toxaphene	ND		U	0.0727	0.0914	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ
* Chlordane, total	ND		U	0.0133	0.0183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:28	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*67.3 %*			*30-150*	*EPA 8081B*	*8/14/26 11:28*
Surrogate: Tetrachloro-m-xylene	*101 %*			*30-150*	*EPA 8081B*	*8/14/26 11:28*

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1242	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1254	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1260	**0.0196**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF
* Total PCBs	**0.0350**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:06	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-01**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1	**Collection Date/Time:**	8/11/26 8:45

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*91.5 %*			*30-120*	*EPA 8082A*	*8/14/26 21:06*
Surrogate: Decachlorobiphenyl	*60.0 %*			*30-120*	*EPA 8082A*	*8/14/26 21:06*

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR
Barium	**0.798**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR
Lead	**0.345**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR
Selenium	ND			0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:03	AGNR

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4150**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Antimony	ND		U	2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Arsenic	**3.21**			1.38	1.38	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Barium	**86.0**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Beryllium	**0.116**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Cadmium	**0.534**			0.276	0.276	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Calcium	**5770**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Chromium	**10.1**			0.461	0.461	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Cobalt	**3.21**			0.368	0.368	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Copper	**28.4**			1.84	1.84	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Iron	**13200**			23.0	23.0	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Lead	**144**			0.461	0.461	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Magnesium	**2310**			4.61	4.61	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Manganese	**134**			0.461	0.461	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Nickel	**11.6**			0.917	0.917	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Potassium	**580**			4.61	4.61	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Selenium	ND		U	2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Silver	ND		U	0.464	0.464	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-01**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1	**Collection Date/Time:**	8/11/26 8:45

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**145**			46.0	46.0	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Thallium	ND		U	1.10	1.84	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Vanadium	**14.4**			0.917	0.917	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR
Zinc	**160**			2.29	2.29	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:52	AGNR

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.315**			0.0105	0.0331	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:48	LCB

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.201	0.552	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.86**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 11:51	BF
* Temperature	**22.1**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 11:51	BF
Cyanide, total	ND		U	0.325	0.552	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.6**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/13/26 11:42	8/13/26 17:58	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-01**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1	**Collection Date/Time:**	8/11/26 8:45

Lab ID:	**26H0577-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-02**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1-G3	**Collection Date/Time:**	8/11/26 8:40

Lab ID:	**26H0577-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1,1-Trichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1,2-Trichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1-Dichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1-Dichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,1-Dichloropropylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2,3-Trichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2,3-Trichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2,4-Trichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2,4-Trimethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2-Dibromoethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2-Dichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2-Dichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,2-Dichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,3,5-Trimethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,3-Dichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,3-Dichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
1,4-Dichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
2,2-Dichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
2-Butanone	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
2-Chloroethylvinyl ether	ND		U	0.014	0.029	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
2-Chlorotoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
2-Hexanone	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-02**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1-G3	**Collection Date/Time:**	8/11/26 8:40

Lab ID:	**26H0577-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
4-Methyl-2-pentanone	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Acetone	ND	CAL-E	U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Acrolein	ND	ICVE	U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Acrylonitrile	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Benzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Bromobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Bromochloromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Bromodichloromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Bromoform	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Bromomethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Carbon disulfide	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Carbon tetrachloride	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Chlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Chloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Chloroform	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Chloromethane	ND	CCVE	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
cis-1,2-Dichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
cis-1,3-Dichloropropylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Cyclohexane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Dibromochloromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Dibromomethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* Ethanol	ND		U	0.058	0.12	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Ethyl Benzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* Iodomethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Isopropylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Methyl acetate	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Methyl Methacrylate	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Methylcyclohexane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Methylene chloride	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Naphthalene	ND		U	0.0036	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
n-Butylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
n-Propylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
o-Xylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
p- & m- Xylenes	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* p-Diethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* p-Ethyltoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
p-Isopropyltoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
sec-Butylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Styrene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-02**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-1-G3	**Collection Date/Time:**	8/11/26 8:40

Lab ID:	**26H0577-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.058	0.12	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
tert-Butyl alcohol (TBA)	ND		U	0.018	0.036	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
tert-Butylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Tetrachloroethylene	ND	QL-02	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* Tetrahydrofuran	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Toluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
trans-1,2-Dichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
trans-1,3-Dichloropropylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Trichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Trichlorofluoromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Vinyl acetate	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Vinyl Chloride	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS
Xylenes, Total	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 12:58	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/15/26 12:58*
Surrogate: SURR: Toluene-d8	*106 %*			*85-120*	*EPA 8260D*	*8/15/26 12:58*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 12:58*

Lab ID:	**26H0577-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**81.3**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0364	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0298	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
1,2,4-Trichlorobenzene	ND		U	0.0323	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
1,2-Dichlorobenzene	ND		U	0.0278	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0280	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
1,3-Dichlorobenzene	ND		U	0.0325	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
1,4-Dichlorobenzene	ND		U	0.0268	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0421	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,4,5-Trichlorophenol	ND		U	0.0417	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,4,6-Trichlorophenol	ND		U	0.0270	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,4-Dichlorophenol	ND		U	0.0307	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,4-Dimethylphenol	ND		U	0.0382	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,4-Dinitrophenol	ND		U	0.0343	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,4-Dinitrotoluene	ND		U	0.0333	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2,6-Dinitrotoluene	ND		U	0.0366	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2-Chloronaphthalene	ND		U	0.0292	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2-Chlorophenol	ND		U	0.0262	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2-Methylnaphthalene	ND		U	0.0269	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2-Methylphenol	ND		U	0.0280	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2-Nitroaniline	ND		U	0.0248	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
2-Nitrophenol	ND		U	0.0392	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
* 3- & 4-Methylphenols	ND		U	0.0275	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
3,3-Dichlorobenzidine	ND		U	0.0269	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
3-Nitroaniline	ND		U	0.0333	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0459	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4-Bromophenyl phenyl ether	ND		U	0.0363	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4-Chloro-3-methylphenol	ND		U	0.0291	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4-Chloroaniline	ND		U	0.0276	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4-Chlorophenyl phenyl ether	ND		U	0.0365	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4-Nitroaniline	ND		U	0.0315	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
4-Nitrophenol	ND		U	0.0519	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Acenaphthene	ND		U	0.0325	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Acenaphthylene	**0.0415**	J	J	0.0281	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Acetophenone	ND		U	0.0269	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Aniline	ND		U	0.0382	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Anthracene	**0.0699**	J	J	0.0293	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Atrazine	ND		U	0.0314	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzaldehyde	ND		U	0.0319	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzidine	ND		U	0.0106	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzo(a)anthracene	**0.284**			0.0287	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzo(a)pyrene	**0.261**			0.0324	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzo(b)fluoranthene	**0.249**			0.0330	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzo(g,h,i)perylene	**0.150**			0.0314	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzo(k)fluoranthene	**0.206**			0.0325	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0369	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzyl alcohol	ND		U	0.0273	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Benzyl butyl phthalate	ND		U	0.0383	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Bis(2-chloroethoxy)methane	ND		U	0.0274	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Bis(2-chloroethyl)ether	ND		U	0.0204	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0390	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Bis(2-ethylhexyl)phthalate	**0.112**			0.0379	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Caprolactam	ND		U	0.0428	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Carbazole	ND		U	0.0292	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Chrysene	**0.281**			0.0282	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Dibenzo(a,h)anthracene	**0.0569**	J	J	0.0263	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Dibenzofuran	ND		U	0.0291	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Diethyl phthalate	ND		U	0.0335	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Dimethyl phthalate	ND		U	0.0301	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Di-n-butyl phthalate	ND		U	0.0370	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Di-n-octyl phthalate	ND		U	0.0281	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Fluoranthene	**0.460**			0.0283	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Fluorene	ND		U	0.0332	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Hexachlorobenzene	ND		U	0.0356	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Hexachlorobutadiene	ND		U	0.0294	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Hexachlorocyclopentadiene	ND		U	0.0442	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Hexachloroethane	ND		U	0.0341	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Indeno(1,2,3-cd)pyrene	**0.168**			0.0341	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Isophorone	ND		U	0.0294	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Naphthalene	ND		U	0.0307	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Nitrobenzene	ND		U	0.0297	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
N-Nitrosodimethylamine	ND		U	0.0383	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
N-nitroso-di-n-propylamine	ND		U	0.0287	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
N-Nitrosodiphenylamine	ND		U	0.0354	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Pentachlorophenol	ND		U	0.0391	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Phenanthrene	**0.213**			0.0282	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Phenol	ND		U	0.0371	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR
Pyrene	**0.538**			0.0277	0.0878	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:07	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*112 %*			*22-108*	*EPA 8270E*	*8/19/26 13:07*
Surrogate: SURR: 2-Fluorobiphenyl	*83.1 %*			*21-113*	*EPA 8270E*	*8/19/26 13:07*
Surrogate: SURR: 2,4,6-Tribromophenol	*77.4 %*			*19-110*	*EPA 8270E*	*8/19/26 13:07*
Surrogate: SURR: Terphenyl-d14	*92.9 %*			*24-116*	*EPA 8270E*	*8/19/26 13:07*

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00338	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
4,4'-DDE	ND		U	0.00144	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
4,4'-DDT	ND		U	0.00284	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Aldrin	ND		U	0.00113	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
alpha-BHC	ND		U	0.00491	0.00536	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
alpha-Chlordane	ND		U	0.00215	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
beta-BHC	ND		U	0.00563	0.00804	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
delta-BHC	ND		U	0.00498	0.00536	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Dieldrin	ND		U	0.00262	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Endosulfan I	ND		U	0.00134	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Endosulfan II	ND		U	0.00217	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Endosulfan sulfate	ND		U	0.00179	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Endrin	ND		U	0.00270	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Endrin aldehyde	ND		U	0.00402	0.00536	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Endrin ketone	ND		U	0.00263	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
gamma-BHC (Lindane)	ND		U	0.00229	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
gamma-Chlordane	ND		U	0.00297	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Heptachlor	ND		U	0.00182	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Heptachlor epoxide	ND		U	0.000981	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Methoxychlor	ND		U	0.00258	0.00357	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
Toxaphene	ND		U	0.0711	0.0893	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ
* Chlordane, total	ND		U	0.0130	0.0179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 11:45	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*58.6 %*			*30-150*	*EPA 8081B*	*8/14/26 11:45*
Surrogate: Tetrachloro-m-xylene	*82.6 %*			*30-150*	*EPA 8081B*	*8/14/26 11:45*

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1221	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1232	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1242	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1248	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1254	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1260	**0.0201**			0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1262	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
Aroclor 1268	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF
* Total PCBs	**0.0355**			0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:20	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*74.0 %*			*30-120*	*EPA 8082A*	*8/14/26 21:20*
Surrogate: Decachlorobiphenyl	*52.0 %*			*30-120*	*EPA 8082A*	*8/14/26 21:20*

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR
Barium	**0.995**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR
Lead	**1.00**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:04	AGNR

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**3260**			4.49	4.49	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Arsenic	**3.74**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Barium	**81.7**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Beryllium	**0.107**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Cadmium	**0.467**			0.270	0.270	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Calcium	**2420**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Chromium	**11.7**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Cobalt	**3.43**			0.359	0.359	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Copper	**40.9**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Iron	**8680**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Lead	**156**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Magnesium	**1370**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Manganese	**91.0**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Nickel	**13.1**			0.895	0.895	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Potassium	**432**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Silver	ND		U	0.453	0.453	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**79.3**			45.0	45.0	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Thallium	ND		U	1.08	1.80	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Vanadium	**16.0**			0.895	0.895	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR
Zinc	**168**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 11:54	AGNR

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.284**			0.0102	0.0324	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:48	LCB

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.197	0.539	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.79**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 11:55	BF
* Temperature	**22.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 11:55	BF
Cyanide, total	ND		U	0.317	0.539	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.7**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/13/26 11:42	8/13/26 17:58	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-03**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2	**Collection Date/Time:**	8/11/26 9:15

Lab ID:	**26H0577-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-04**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2-G3	**Collection Date/Time:**	8/11/26 9:10

Lab ID:	**26H0577-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
2-Butanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-04**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2-G3	**Collection Date/Time:**	8/11/26 9:10

Lab ID:	**26H0577-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Acetone	ND	CAL-E	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Acrolein	ND	ICVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Carbon disulfide	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Chloromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* Ethanol	ND		U	0.047	0.093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Methyl Methacrylate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Naphthalene	ND		U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-04**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-2-G3	**Collection Date/Time:**	8/11/26 9:10

Lab ID:	**26H0577-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.047	0.093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.029	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Tetrachloroethylene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS
Xylenes, Total	ND		U	0.0088	0.018	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:24	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/15/26 13:24*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 13:24*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 13:24*

Lab ID:	**26H0577-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.1**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0370	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0302	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
1,2,4-Trichlorobenzene	ND		U	0.0328	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
1,2-Dichlorobenzene	ND		U	0.0283	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0285	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
1,3-Dichlorobenzene	ND		U	0.0330	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
1,4-Dichlorobenzene	ND		U	0.0272	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0427	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,4,5-Trichlorophenol	ND		U	0.0424	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,4,6-Trichlorophenol	ND		U	0.0274	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,4-Dichlorophenol	ND		U	0.0312	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,4-Dimethylphenol	ND		U	0.0387	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,4-Dinitrophenol	ND		U	0.0348	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,4-Dinitrotoluene	ND		U	0.0339	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2,6-Dinitrotoluene	ND		U	0.0371	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2-Chloronaphthalene	ND		U	0.0297	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2-Chlorophenol	ND		U	0.0266	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2-Methylnaphthalene	**0.0546**	J	J	0.0273	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2-Methylphenol	ND		U	0.0284	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2-Nitroaniline	ND		U	0.0252	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
2-Nitrophenol	ND		U	0.0398	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
* 3- & 4-Methylphenols	ND		U	0.0279	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
3,3-Dichlorobenzidine	ND		U	0.0274	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
3-Nitroaniline	ND		U	0.0339	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0466	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4-Bromophenyl phenyl ether	ND		U	0.0368	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4-Chloro-3-methylphenol	ND		U	0.0296	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4-Chloroaniline	ND		U	0.0280	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4-Chlorophenyl phenyl ether	ND		U	0.0371	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4-Nitroaniline	ND		U	0.0320	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
4-Nitrophenol	ND		U	0.0527	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Acenaphthene	**0.247**			0.0330	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Acenaphthylene	**0.0507**	J	J	0.0285	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Acetophenone	ND		U	0.0273	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Aniline	ND		U	0.0388	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Anthracene	**0.701**			0.0298	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Atrazine	ND		U	0.0319	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzaldehyde	ND		U	0.0324	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzidine	ND		U	0.0108	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzo(a)anthracene	**1.31**			0.0291	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzo(a)pyrene	**0.596**			0.0329	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzo(b)fluoranthene	**0.973**			0.0335	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzo(g,h,i)perylene	**0.405**			0.0319	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzo(k)fluoranthene	**0.842**			0.0330	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0375	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzyl alcohol	ND		U	0.0277	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Benzyl butyl phthalate	ND		U	0.0389	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Bis(2-chloroethoxy)methane	ND		U	0.0278	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Bis(2-chloroethyl)ether	ND		U	0.0207	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0396	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Bis(2-ethylhexyl)phthalate	**0.0468**	J	J	0.0385	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Caprolactam	ND		U	0.0435	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Carbazole	**0.268**			0.0297	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Chrysene	**1.18**			0.0287	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Dibenzo(a,h)anthracene	**0.174**			0.0268	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Dibenzofuran	**0.167**			0.0295	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Diethyl phthalate	ND		U	0.0340	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Dimethyl phthalate	ND		U	0.0305	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Di-n-butyl phthalate	ND		U	0.0375	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Di-n-octyl phthalate	ND		U	0.0286	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Fluoranthene	**2.16**		D	0.287	0.892	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 16:08	SR
Fluorene	**0.229**			0.0337	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Hexachlorobenzene	ND		U	0.0362	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Hexachlorobutadiene	ND		U	0.0299	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Hexachlorocyclopentadiene	ND		U	0.0449	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Hexachloroethane	ND		U	0.0346	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Indeno(1,2,3-cd)pyrene	**0.497**			0.0346	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Isophorone	ND		U	0.0299	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Naphthalene	**0.0589**	J	J	0.0312	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Nitrobenzene	ND		U	0.0301	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
N-Nitrosodimethylamine	ND		U	0.0389	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
N-nitroso-di-n-propylamine	ND		U	0.0291	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
N-Nitrosodiphenylamine	ND		U	0.0360	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Pentachlorophenol	ND		U	0.0397	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Phenanthrene	**2.10**		D	0.287	0.892	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 16:08	SR
Phenol	ND		U	0.0377	0.0892	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 13:37	SR
Pyrene	**2.28**		D	0.281	0.892	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 16:08	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*88.4 %*			*20-108*	*EPA 8270E*	*8/20/26 16:08*
Surrogate: SURR: Phenol-d6	*84.8 %*			*23-114*	*EPA 8270E*	*8/20/26 16:08*
Surrogate: SURR: Nitrobenzene-d5	*96.2 %*			*22-108*	*EPA 8270E*	*8/19/26 13:37*
Surrogate: SURR: 2-Fluorobiphenyl	*70.9 %*			*21-113*	*EPA 8270E*	*8/19/26 13:37*
Surrogate: SURR: 2,4,6-Tribromophenol	*67.7 %*			*19-110*	*EPA 8270E*	*8/19/26 13:37*
Surrogate: SURR: Terphenyl-d14	*86.3 %*			*24-116*	*EPA 8270E*	*8/19/26 13:37*

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00344	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
4,4'-DDE	ND		U	0.00146	0.00181	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
4,4'-DDT	ND		U	0.00289	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Aldrin	ND		U	0.00115	0.00181	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
alpha-BHC	ND		U	0.00499	0.00544	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
alpha-Chlordane [2C]	ND		U	0.00218	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
beta-BHC	ND		U	0.00572	0.00816	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
delta-BHC	ND		U	0.00506	0.00544	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Dieldrin	ND		U	0.00266	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Endosulfan I	ND		U	0.00136	0.00181	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Endosulfan II	ND		U	0.00220	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Endosulfan sulfate	ND		U	0.00182	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Endrin	ND		U	0.00274	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Endrin aldehyde	ND		U	0.00408	0.00544	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Endrin ketone	ND		U	0.00267	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
gamma-BHC (Lindane)	ND		U	0.00233	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
gamma-Chlordane	ND		U	0.00301	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Heptachlor	ND		U	0.00185	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Heptachlor epoxide	ND		U	0.000996	0.00181	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Methoxychlor	ND		U	0.00262	0.00363	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
Toxaphene	ND		U	0.0722	0.0907	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ
* Chlordane, total	ND		U	0.0132	0.0181	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:02	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*63.2 %*			*30-150*	*EPA 8081B*	*8/14/26 12:02*
Surrogate: Tetrachloro-m-xylene	*98.8 %*			*30-150*	*EPA 8081B*	*8/14/26 12:02*

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1221	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1232	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1242	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1248	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1254	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1260	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1262	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
Aroclor 1268	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF
* Total PCBs	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:34	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*84.5 %*			*30-120*	*EPA 8082A*	*8/14/26 21:34*
Surrogate: Decachlorobiphenyl	*54.0 %*			*30-120*	*EPA 8082A*	*8/14/26 21:34*

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR
Barium	**0.845**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR
Lead	**0.280**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:12	AGNR

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5330**			4.56	4.56	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Antimony	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Arsenic	**3.81**			1.37	1.37	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Barium	**85.1**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Beryllium	**0.165**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Cadmium	**0.849**			0.274	0.274	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Calcium	**3350**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Chromium	**12.1**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Cobalt	**4.76**			0.365	0.365	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Copper	**28.5**			1.83	1.83	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Iron	**12200**			22.8	22.8	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Lead	**172**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Magnesium	**1970**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Manganese	**175**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Nickel	**21.7**			0.909	0.909	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Potassium	**680**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Selenium	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Silver	**1.65**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**97.4**			45.7	45.7	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Thallium	ND		U	1.10	1.83	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Vanadium	**17.5**			0.909	0.909	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR
Zinc	**122**			2.27	2.27	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:03	AGNR

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.253**			0.0104	0.0329	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:48	LCB

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.200	0.548	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**8.03**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 11:56	BF
* Temperature	**22.6**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 11:56	BF
Cyanide, total	ND		U	0.322	0.548	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.3**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/13/26 11:42	8/13/26 17:58	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-05**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3	**Collection Date/Time:**	8/11/26 9:55

Lab ID:	**26H0577-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-06**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3-G5	**Collection Date/Time:**	8/11/26 9:50

Lab ID:	**26H0577-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
2-Butanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-06**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3-G5	**Collection Date/Time:**	8/11/26 9:50

Lab ID:	**26H0577-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Acetone	ND	CAL-E	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Acrolein	ND	ICVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Carbon disulfide	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Chloromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* Ethanol	ND		U	0.047	0.093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Methyl Methacrylate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Naphthalene	ND		U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-06**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-3-G5	**Collection Date/Time:**	8/11/26 9:50

Lab ID:	**26H0577-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.047	0.093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.029	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Tetrachloroethylene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS
Xylenes, Total	ND		U	0.0088	0.018	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 13:51	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/15/26 13:51*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 13:51*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*76-130*	*EPA 8260D*	*8/15/26 13:51*

Lab ID:	**26H0577-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.4**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
1,2-Dichloroethane	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
1,4-Dichlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
2-Butanone	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Benzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Carbon tetrachloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Chlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Chloroform	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Tetrachloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Trichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS
Vinyl Chloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:08	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*106 %*			*65-135*	*EPA 8260D/1311*	*8/16/26 02:08*
Surrogate: SURR: Toluene-d8	*85.3 %*	S-08		*86-118*	*EPA 8260D/1311*	*8/16/26 02:08*
Surrogate: SURR: p-Bromofluorobenzene	*108 %*			*84.2-124*	*EPA 8260D/1311*	*8/16/26 02:08*

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0486	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0398	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
1,2,4-Trichlorobenzene	ND		U	0.0431	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
1,2-Dichlorobenzene	ND		U	0.0371	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0374	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
1,3-Dichlorobenzene	ND		U	0.0434	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
1,4-Dichlorobenzene	ND		U	0.0357	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0562	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,4,5-Trichlorophenol	ND		U	0.0557	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,4,6-Trichlorophenol	ND		U	0.0360	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,4-Dichlorophenol	ND		U	0.0410	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,4-Dimethylphenol	ND		U	0.0509	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,4-Dinitrophenol	ND		U	0.0457	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,4-Dinitrotoluene	ND		U	0.0445	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2,6-Dinitrotoluene	ND		U	0.0488	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2-Chloronaphthalene	ND		U	0.0390	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0350	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2-Methylnaphthalene	ND		U	0.0359	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2-Methylphenol	ND		U	0.0373	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2-Nitroaniline	ND		U	0.0331	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
2-Nitrophenol	ND		U	0.0523	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
* 3- & 4-Methylphenols	ND		U	0.0367	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
3,3-Dichlorobenzidine	ND		U	0.0360	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
3-Nitroaniline	ND		U	0.0445	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0613	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4-Bromophenyl phenyl ether	ND		U	0.0484	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4-Chloro-3-methylphenol	ND		U	0.0388	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4-Chloroaniline	ND		U	0.0369	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4-Chlorophenyl phenyl ether	ND		U	0.0487	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4-Nitroaniline	ND		U	0.0420	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
4-Nitrophenol	ND		U	0.0692	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Acenaphthene	ND		U	0.0434	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Acenaphthylene	ND		U	0.0375	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Acetophenone	ND		U	0.0359	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Aniline	ND		U	0.0510	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Anthracene	ND		U	0.0392	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Atrazine	ND		U	0.0419	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzaldehyde	ND		U	0.0426	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzidine	ND		U	0.0142	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzo(a)anthracene	**0.121**			0.0383	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzo(a)pyrene	**0.0985**	J	J	0.0433	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzo(b)fluoranthene	**0.0929**	J	J	0.0441	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzo(g,h,i)perylene	**0.0521**	J	J	0.0419	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzo(k)fluoranthene	**0.0816**	J	J	0.0433	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzoic acid	ND		U	0.0493	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzyl alcohol	ND		U	0.0364	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Benzyl butyl phthalate	ND		U	0.0512	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Bis(2-chloroethoxy)methane	ND		U	0.0365	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Bis(2-chloroethyl)ether	ND		U	0.0273	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0520	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0506	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Caprolactam	ND		U	0.0572	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Carbazole	ND		U	0.0390	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Chrysene	**0.117**			0.0377	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Dibenzo(a,h)anthracene	ND		U	0.0352	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Dibenzofuran	ND		U	0.0388	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Diethyl phthalate	ND		U	0.0447	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Dimethyl phthalate	ND		U	0.0401	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Di-n-butyl phthalate	ND		U	0.0493	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Di-n-octyl phthalate	ND		U	0.0375	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Fluoranthene	**0.219**			0.0377	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	ND		U	0.0443	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Hexachlorobenzene	ND		U	0.0475	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Hexachlorobutadiene	ND		U	0.0392	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Hexachlorocyclopentadiene	ND		U	0.0590	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Hexachloroethane	ND		U	0.0455	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Indeno(1,2,3-cd)pyrene	**0.0568**	J	J	0.0455	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Isophorone	ND		U	0.0393	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Naphthalene	ND		U	0.0409	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Nitrobenzene	ND		U	0.0396	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
N-Nitrosodimethylamine	ND		U	0.0511	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
N-nitroso-di-n-propylamine	ND		U	0.0383	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
N-Nitrosodiphenylamine	ND		U	0.0473	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Pentachlorophenol	ND		U	0.0522	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Phenanthrene	**0.153**			0.0377	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Phenol	ND		U	0.0495	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR
Pyrene	**0.263**			0.0370	0.117	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 14:37	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*48.2 %*			*20-108*	*EPA 8270E*	*8/19/26 14:37*
Surrogate: SURR: Phenol-d6	*46.4 %*			*23-114*	*EPA 8270E*	*8/19/26 14:37*
Surrogate: SURR: Nitrobenzene-d5	*46.7 %*			*22-108*	*EPA 8270E*	*8/19/26 14:37*
Surrogate: SURR: 2-Fluorobiphenyl	*36.3 %*			*21-113*	*EPA 8270E*	*8/19/26 14:37*
Surrogate: SURR: 2,4,6-Tribromophenol	*33.1 %*			*19-110*	*EPA 8270E*	*8/19/26 14:37*
Surrogate: SURR: Terphenyl-d14	*43.8 %*			*24-116*	*EPA 8270E*	*8/19/26 14:37*

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
2-Methylphenol	ND	CCVE	U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
* 3- & 4-Methylphenols	ND	CCVE	U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
Pentachlorophenol	ND	CCVE	U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:00	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*49.3 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 10:00*
Surrogate: SURR: Phenol-d6	*30.3 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 10:00*
Surrogate: SURR: Nitrobenzene-d5	*58.6 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 10:00*
Surrogate: SURR: 2-Fluorobiphenyl	*59.3 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 10:00*
Surrogate: SURR: 2,4,6-Tribromophenol	*82.4 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 10:00*
Surrogate: SURR: Terphenyl-d14	*72.3 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 10:00*

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00446	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
4,4'-DDE	ND		U	0.00189	0.00235	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
4,4'-DDT	ND		U	0.00375	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Aldrin	ND		U	0.00149	0.00235	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
alpha-BHC	ND		U	0.00647	0.00706	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
alpha-Chlordane	ND		U	0.00283	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
beta-BHC	ND		U	0.00742	0.0106	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
delta-BHC	ND		U	0.00656	0.00706	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Dieldrin	ND		U	0.00345	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Endosulfan I	ND		U	0.00176	0.00235	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Endosulfan II	ND		U	0.00286	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Endosulfan sulfate	ND		U	0.00236	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Endrin	ND		U	0.00355	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Endrin aldehyde	ND		U	0.00530	0.00706	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Endrin ketone	ND		U	0.00347	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
gamma-BHC (Lindane)	ND		U	0.00302	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
gamma-Chlordane	ND		U	0.00391	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Heptachlor	ND		U	0.00240	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Heptachlor epoxide	ND		U	0.00129	0.00235	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Methoxychlor	ND		U	0.00340	0.00471	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
Toxaphene	ND		U	0.0936	0.118	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ
* Chlordane, total	ND		U	0.0171	0.0235	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:19	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*54.6 %*			*30-150*	*EPA 8081B*	*8/14/26 12:19*
Surrogate: Tetrachloro-m-xylene	*85.5 %*			*30-150*	*EPA 8081B*	*8/14/26 12:19*

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 15:52	RJ
gamma-BHC (Lindane)	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 15:52	RJ
Heptachlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 15:52	RJ
Heptachlor epoxide	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 15:52	RJ
Methoxychlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 15:52	RJ
Toxaphene	ND		U	1.11	1.11	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 15:52	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*44.7 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 15:52*
Surrogate: Tetrachloro-m-xylene	*61.2 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 15:52*

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1221	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1232	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1242	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1248	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1254	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1260	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1262	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
Aroclor 1268	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF
* Total PCBs	ND		U	0.0235	0.0235	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 21:47	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*85.5 %*			*30-120*	*EPA 8082A*	*8/14/26 21:47*
Surrogate: Decachlorobiphenyl	*53.5 %*			*30-120*	*EPA 8082A*	*8/14/26 21:47*

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	1.00	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 14:49	gxb
2,4-D	ND		U	2.17	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 14:49	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*58.0 %*			*10-130*	*EPA 8151A/1311*	*8/17/26 14:49*

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Lead	**0.365**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR
Zinc	ND		U	0.110	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:13	AGNR

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**2440**			6.02	6.02	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Antimony	ND		U	3.01	3.01	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Arsenic	**2.60**			1.81	1.81	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Barium	**65.1**			3.01	3.01	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Beryllium	ND		U	0.061	0.061	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Cadmium	ND		U	0.361	0.361	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Calcium	**1030**			6.02	6.02	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Chromium	**8.25**			0.603	0.603	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Cobalt	**2.43**			0.481	0.481	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Copper	**24.2**			2.41	2.41	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Iron	**6270**			30.1	30.1	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Lead	**185**			0.603	0.603	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Magnesium	**869**			6.03	6.03	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Manganese	**72.8**			0.603	0.603	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Nickel	**8.85**			1.20	1.20	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Potassium	**395**			6.03	6.03	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Selenium	ND		U	3.01	3.01	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Silver	ND		U	0.607	0.607	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Sodium	**63.6**			60.2	60.2	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Thallium	ND		U	1.45	2.41	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR
Vanadium	**21.2**			1.20	1.20	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Zinc	**87.8**			3.00	3.00	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:04	AGNR

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.120**			0.0135	0.0426	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:49	LCB

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.259	0.711	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**6.99**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 11:59	BF
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 11:59	BF
Cyanide, total	ND		U	0.418	0.711	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**70.4**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:11	8/14/26 12:34	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:03	8/14/26 13:13	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-07**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4	**Collection Date/Time:**	8/11/26 10:45

Lab ID:	**26H0577-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-08**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4-G1	**Collection Date/Time:**	8/11/26 10:40

Lab ID:	**26H0577-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1-Dichloroethane	ND	QL-02, CCVE	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,1-Dichloropropylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,3-Dichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
2,2-Dichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
2-Butanone	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
2-Chlorotoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-08**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4-G1	**Collection Date/Time:**	8/11/26 10:40

Lab ID:	**26H0577-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
4-Chlorotoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
4-Methyl-2-pentanone	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Acetone	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Acrolein	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Acrylonitrile	ND	QL-02, CCVE	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Benzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Bromobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Bromochloromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Bromodichloromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Bromoform	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Bromomethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Carbon disulfide	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Carbon tetrachloride	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Chlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Chloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Chloroform	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Cyclohexane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Dibromochloromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Dibromomethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* Diisopropyl ether (DIPE)	ND	QL-02, CCVE	U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* Ethanol	ND		U	0.053	0.11	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Ethyl Benzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* Iodomethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Isopropylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Methyl acetate	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Methyl Methacrylate	ND	QL-02	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Methylcyclohexane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Methylene chloride	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Naphthalene	ND	QL-02	U	0.0033	0.013	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
n-Butylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
n-Propylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
o-Xylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
p- & m- Xylenes	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* p-Diethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* p-Ethyltoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-08**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-4-G1	**Collection Date/Time:**	8/11/26 10:40

Lab ID:	**26H0577-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
sec-Butylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Styrene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.053	0.11	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.033	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
tert-Butylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Tetrachloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* Tetrahydrofuran	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Toluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Trichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Vinyl acetate	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Vinyl Chloride	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS
Xylenes, Total	ND		U	0.0099	0.020	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:23	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/18/26 00:23*
Surrogate: SURR: Toluene-d8	*91.1 %*			*85-120*	*EPA 8260D*	*8/18/26 00:23*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*76-130*	*EPA 8260D*	*8/18/26 00:23*

Lab ID:	**26H0577-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.7**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
1,2-Dichloroethane	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
1,4-Dichlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
2-Butanone	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Benzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Carbon tetrachloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Chlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Chloroform	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Tetrachloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Trichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS
Vinyl Chloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 02:37	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*65-135*	*EPA 8260D/1311*	*8/16/26 02:37*
Surrogate: SURR: Toluene-d8	*85.8 %*	S-08		*86-118*	*EPA 8260D/1311*	*8/16/26 02:37*
Surrogate: SURR: p-Bromofluorobenzene	*109 %*			*84.2-124*	*EPA 8260D/1311*	*8/16/26 02:37*

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0378	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0309	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
1,2,4-Trichlorobenzene	ND		U	0.0335	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
1,2-Dichlorobenzene	ND		U	0.0289	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0291	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
1,3-Dichlorobenzene	ND		U	0.0337	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
1,4-Dichlorobenzene	ND		U	0.0278	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0437	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,4,5-Trichlorophenol	ND		U	0.0433	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,4,6-Trichlorophenol	ND		U	0.0280	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,4-Dichlorophenol	ND		U	0.0318	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,4-Dimethylphenol	ND		U	0.0396	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,4-Dinitrophenol	ND		U	0.0355	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,4-Dinitrotoluene	ND		U	0.0346	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2,6-Dinitrotoluene	ND		U	0.0379	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2-Chloronaphthalene	ND		U	0.0303	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0272	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2-Methylnaphthalene	ND		U	0.0279	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2-Methylphenol	ND		U	0.0290	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2-Nitroaniline	ND		U	0.0257	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
2-Nitrophenol	ND		U	0.0406	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
* 3- & 4-Methylphenols	ND		U	0.0285	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
3,3-Dichlorobenzidine	ND		U	0.0279	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
3-Nitroaniline	ND		U	0.0346	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0476	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4-Bromophenyl phenyl ether	ND		U	0.0376	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4-Chloro-3-methylphenol	ND		U	0.0302	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4-Chloroaniline	ND		U	0.0286	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4-Chlorophenyl phenyl ether	ND		U	0.0379	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4-Nitroaniline	ND		U	0.0327	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
4-Nitrophenol	ND		U	0.0538	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Acenaphthene	ND		U	0.0337	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Acenaphthylene	ND		U	0.0291	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Acetophenone	ND		U	0.0279	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Aniline	ND		U	0.0396	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Anthracene	**0.0693**	J	J	0.0304	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Atrazine	ND		U	0.0326	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzaldehyde	ND		U	0.0331	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzidine	ND		U	0.0110	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzo(a)anthracene	**0.245**			0.0298	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzo(a)pyrene	**0.116**			0.0336	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzo(b)fluoranthene	**0.167**			0.0343	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzo(g,h,i)perylene	**0.0882**	J	J	0.0326	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzo(k)fluoranthene	**0.154**			0.0337	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzoic acid	ND		U	0.0383	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzyl alcohol	ND		U	0.0283	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Benzyl butyl phthalate	ND		U	0.0398	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Bis(2-chloroethoxy)methane	ND		U	0.0284	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Bis(2-chloroethyl)ether	ND		U	0.0212	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0404	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0394	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Caprolactam	ND		U	0.0444	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Carbazole	ND		U	0.0303	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Chrysene	**0.221**			0.0293	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Dibenzo(a,h)anthracene	**0.0368**	J	J	0.0273	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Dibenzofuran	ND		U	0.0301	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Diethyl phthalate	ND		U	0.0347	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Dimethyl phthalate	ND		U	0.0312	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Di-n-butyl phthalate	ND		U	0.0383	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Di-n-octyl phthalate	ND		U	0.0292	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Fluoranthene	**0.389**			0.0293	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	ND		U	0.0345	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Hexachlorobenzene	ND		U	0.0369	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Hexachlorobutadiene	ND		U	0.0305	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Hexachlorocyclopentadiene	ND		U	0.0458	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Hexachloroethane	ND		U	0.0353	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Indeno(1,2,3-cd)pyrene	**0.104**			0.0353	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Isophorone	ND		U	0.0305	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Naphthalene	ND		U	0.0318	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Nitrobenzene	ND		U	0.0308	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
N-Nitrosodimethylamine	ND		U	0.0397	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
N-nitroso-di-n-propylamine	ND		U	0.0297	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
N-Nitrosodiphenylamine	ND		U	0.0367	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Pentachlorophenol	ND		U	0.0406	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Phenanthrene	**0.233**			0.0293	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Phenol	ND		U	0.0385	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR
Pyrene	**0.460**			0.0287	0.0911	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:07	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*85.0 %*			*22-108*	*EPA 8270E*	*8/19/26 15:07*
Surrogate: SURR: 2-Fluorobiphenyl	*67.8 %*			*21-113*	*EPA 8270E*	*8/19/26 15:07*
Surrogate: SURR: 2,4,6-Tribromophenol	*63.0 %*			*19-110*	*EPA 8270E*	*8/19/26 15:07*
Surrogate: SURR: Terphenyl-d14	*77.2 %*			*24-116*	*EPA 8270E*	*8/19/26 15:07*

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
2-Methylphenol	ND	CCVE	U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
* 3- & 4-Methylphenols	ND	CCVE	U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
Pentachlorophenol	ND	CCVE	U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 10:31	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*46.0 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 10:31*

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Phenol-d6	*25.9 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 10:31*
Surrogate: SURR: Nitrobenzene-d5	*55.2 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 10:31*
Surrogate: SURR: 2-Fluorobiphenyl	*51.5 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 10:31*
Surrogate: SURR: 2,4,6-Tribromophenol	*76.0 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 10:31*
Surrogate: SURR: Terphenyl-d14	*70.9 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 10:31*

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00347	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
4,4'-DDE	ND		U	0.00148	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
4,4'-DDT	**0.00388**		D	0.00292	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Aldrin	ND		U	0.00116	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
alpha-BHC	ND		U	0.00504	0.00550	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
alpha-Chlordane	ND		U	0.00221	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
beta-BHC	ND		U	0.00578	0.00826	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
delta-BHC	ND		U	0.00511	0.00550	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Dieldrin	ND		U	0.00269	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Endosulfan II	ND		U	0.00223	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Endosulfan sulfate	ND		U	0.00184	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Endrin	ND		U	0.00277	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Endrin aldehyde	ND		U	0.00413	0.00550	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Endrin ketone	ND		U	0.00270	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
gamma-BHC (Lindane)	ND		U	0.00235	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
gamma-Chlordane	ND		U	0.00305	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Heptachlor	ND		U	0.00187	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Heptachlor epoxide	ND		U	0.00101	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Methoxychlor	ND		U	0.00265	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
Toxaphene	ND		U	0.0730	0.0917	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ
* Chlordane, total	ND		U	0.0133	0.0183	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:36	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*61.0 %*			*30-150*	*EPA 8081B*	*8/14/26 12:36*
Surrogate: Tetrachloro-m-xylene	*97.4 %*			*30-150*	*EPA 8081B*	*8/14/26 12:36*

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:09	RJ
gamma-BHC (Lindane)	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:09	RJ
Heptachlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:09	RJ
Heptachlor epoxide	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:09	RJ
Methoxychlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:09	RJ
Toxaphene	ND		U	1.11	1.11	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:09	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*42.5 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 16:09*
Surrogate: Tetrachloro-m-xylene	*56.0 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 16:09*

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1242	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1254	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1260	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF
* Total PCBs	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:01	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*91.0 %*			*30-120*	*EPA 8082A*	*8/14/26 22:01*
Surrogate: Decachlorobiphenyl	*58.0 %*			*30-120*	*EPA 8082A*	*8/14/26 22:01*

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	1.00	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 14:56	gxb
2,4-D	ND		U	2.17	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 14:56	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*59.0 %*			*10-130*	*EPA 8151A/1311*	*8/17/26 14:56*

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Barium	**0.895**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Lead	**0.325**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR
Zinc	ND		U	0.110	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:15	AGNR

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5850**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Arsenic	**3.52**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Barium	**59.9**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Beryllium	**0.205**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Cadmium	ND		U	0.277	0.277	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Calcium	**1660**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Chromium	**15.8**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Cobalt	**6.05**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Copper	**22.6**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Iron	**11900**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Lead	**115**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Magnesium	**2550**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Manganese	**276**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Nickel	**37.0**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Potassium	**856**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Silver	ND		U	0.465	0.465	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Sodium	**94.8**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR
Vanadium	**20.6**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Zinc	**75.1**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:06	AGNR

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.563**			0.0105	0.0332	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:49	LCB

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.202	0.554	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.75**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:01	BF
* Temperature	**22.4**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:01	BF
Cyanide, total	ND		U	0.326	0.554	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.3**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:11	8/14/26 12:34	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-09**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5	**Collection Date/Time:**	8/11/26 11:25

Lab ID:	**26H0577-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/P	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:03	8/14/26 13:13	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-10**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5-G2	**Collection Date/Time:**	8/11/26 11:20

Lab ID:	**26H0577-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,1-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,3-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
2,2-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
2-Butanone	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.027	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
2-Chlorotoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
2-Hexanone	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-10**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5-G2	**Collection Date/Time:**	8/11/26 11:20

Lab ID:	**26H0577-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
4-Methyl-2-pentanone	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Acetone	ND	CAL-E	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Acrolein	ND	ICVE	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Acrylonitrile	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Bromobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Bromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Bromodichloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Bromoform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Bromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Carbon disulfide	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Carbon tetrachloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Chlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Chloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Chloroform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Cyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Dibromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Dibromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* Ethanol	ND		U	0.053	0.11	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Ethyl Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* Iodomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Isopropylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Methyl acetate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Methyl Methacrylate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Methylcyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Methylene chloride	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Naphthalene	ND		U	0.0033	0.013	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
n-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
n-Propylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
o-Xylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
p- & m- Xylenes	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* p-Diethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* p-Ethyltoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
sec-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Styrene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-10**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-5-G2	**Collection Date/Time:**	8/11/26 11:20

Lab ID:	**26H0577-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.053	0.11	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.033	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
tert-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Tetrachloroethylene	ND	QL-02	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* Tetrahydrofuran	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Toluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Trichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Vinyl acetate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Vinyl Chloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS
Xylenes, Total	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 14:45	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/15/26 14:45*
Surrogate: SURR: Toluene-d8	*106 %*			*85-120*	*EPA 8260D*	*8/15/26 14:45*
Surrogate: SURR: p-Bromofluorobenzene	*112 %*			*76-130*	*EPA 8260D*	*8/15/26 14:45*

Lab ID:	**26H0577-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.1**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
1,2-Dichloroethane	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
1,4-Dichlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
2-Butanone	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Benzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Carbon tetrachloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Chlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Chloroform	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Tetrachloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Trichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS
Vinyl Chloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:06	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*65-135*	*EPA 8260D/1311*	*8/16/26 03:06*
Surrogate: SURR: Toluene-d8	*85.7 %*	S-08		*86-118*	*EPA 8260D/1311*	*8/16/26 03:06*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*84.2-124*	*EPA 8260D/1311*	*8/16/26 03:06*

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0369	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0302	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
1,2,4-Trichlorobenzene	ND		U	0.0327	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
1,2-Dichlorobenzene	ND		U	0.0282	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0284	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
1,3-Dichlorobenzene	ND		U	0.0329	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
1,4-Dichlorobenzene	ND		U	0.0271	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0426	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,4,5-Trichlorophenol	ND		U	0.0423	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,4,6-Trichlorophenol	ND		U	0.0273	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,4-Dichlorophenol	ND		U	0.0311	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,4-Dimethylphenol	ND		U	0.0386	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,4-Dinitrophenol	ND		U	0.0347	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,4-Dinitrotoluene	ND		U	0.0338	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2,6-Dinitrotoluene	ND		U	0.0370	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2-Chloronaphthalene	ND		U	0.0296	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0265	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2-Methylnaphthalene	ND		U	0.0273	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2-Methylphenol	ND		U	0.0283	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2-Nitroaniline	ND		U	0.0251	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
2-Nitrophenol	ND		U	0.0397	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
* 3- & 4-Methylphenols	ND		U	0.0278	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
3,3-Dichlorobenzidine	ND		U	0.0273	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
3-Nitroaniline	ND		U	0.0338	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0465	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4-Bromophenyl phenyl ether	ND		U	0.0367	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4-Chloro-3-methylphenol	ND		U	0.0295	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4-Chloroaniline	ND		U	0.0280	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4-Chlorophenyl phenyl ether	ND		U	0.0370	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4-Nitroaniline	ND		U	0.0319	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
4-Nitrophenol	ND		U	0.0525	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Acenaphthene	**0.0342**	J	J	0.0329	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Acenaphthylene	**0.0331**	J	J	0.0284	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Acetophenone	ND		U	0.0272	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Aniline	ND		U	0.0387	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Anthracene	**0.107**			0.0297	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Atrazine	ND		U	0.0318	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzaldehyde	ND		U	0.0323	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzidine	ND		U	0.0108	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzo(a)anthracene	**0.379**			0.0291	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzo(a)pyrene	**0.205**			0.0328	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzo(b)fluoranthene	**0.290**			0.0334	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzo(g,h,i)perylene	**0.156**			0.0318	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzo(k)fluoranthene	**0.283**			0.0329	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzoic acid	ND		U	0.0374	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzyl alcohol	ND		U	0.0276	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Benzyl butyl phthalate	ND		U	0.0388	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Bis(2-chloroethoxy)methane	ND		U	0.0277	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Bis(2-chloroethyl)ether	ND		U	0.0207	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0394	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0384	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Caprolactam	ND		U	0.0434	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Carbazole	**0.0423**	J	J	0.0296	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Chrysene	**0.377**			0.0286	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Dibenzo(a,h)anthracene	**0.0626**	J	J	0.0267	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Dibenzofuran	ND		U	0.0294	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Diethyl phthalate	ND		U	0.0339	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Dimethyl phthalate	ND		U	0.0304	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Di-n-butyl phthalate	ND		U	0.0374	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Di-n-octyl phthalate	ND		U	0.0285	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Fluoranthene	**0.632**			0.0286	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	ND		U	0.0336	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Hexachlorobenzene	ND		U	0.0361	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Hexachlorobutadiene	ND		U	0.0298	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Hexachlorocyclopentadiene	ND		U	0.0448	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Hexachloroethane	ND		U	0.0345	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Indeno(1,2,3-cd)pyrene	**0.180**			0.0345	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Isophorone	ND		U	0.0298	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Naphthalene	ND		U	0.0311	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Nitrobenzene	ND		U	0.0301	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
N-Nitrosodimethylamine	ND		U	0.0388	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
N-nitroso-di-n-propylamine	ND		U	0.0290	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
N-Nitrosodiphenylamine	ND		U	0.0359	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Pentachlorophenol	ND		U	0.0396	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Phenanthrene	**0.365**			0.0286	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Phenol	ND		U	0.0376	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR
Pyrene	**0.772**			0.0280	0.0889	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 15:36	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*93.8 %*			*22-108*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: 2-Fluorobiphenyl	*73.8 %*			*21-113*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: 2,4,6-Tribromophenol	*65.4 %*			*19-110*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: Terphenyl-d14	*84.2 %*			*24-116*	*EPA 8270E*	*8/19/26 15:36*

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
2-Methylphenol	ND	CCVE	U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
* 3- & 4-Methylphenols	ND	CCVE	U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
Pentachlorophenol	ND	CCVE	U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:01	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*44.2 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 11:01*

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Phenol-d6	*25.8 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 11:01*
Surrogate: SURR: Nitrobenzene-d5	*57.4 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 11:01*
Surrogate: SURR: 2-Fluorobiphenyl	*52.0 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 11:01*
Surrogate: SURR: 2,4,6-Tribromophenol	*78.2 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 11:01*
Surrogate: SURR: Terphenyl-d14	*76.8 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 11:01*

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00339	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
4,4'-DDE	ND		U	0.00144	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
4,4'-DDT	ND		U	0.00285	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Aldrin	ND		U	0.00113	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
alpha-BHC	ND		U	0.00492	0.00537	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
alpha-Chlordane	ND		U	0.00215	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
beta-BHC	ND		U	0.00565	0.00806	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
delta-BHC	ND		U	0.00499	0.00537	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Dieldrin	ND		U	0.00263	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Endosulfan I	ND		U	0.00134	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Endosulfan II	ND		U	0.00217	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Endosulfan sulfate	ND		U	0.00179	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Endrin	ND		U	0.00270	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Endrin aldehyde	ND		U	0.00403	0.00537	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Endrin ketone	ND		U	0.00264	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
gamma-BHC (Lindane)	ND		U	0.00230	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
gamma-Chlordane	ND		U	0.00297	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Heptachlor	ND		U	0.00183	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Heptachlor epoxide	ND		U	0.000984	0.00179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Methoxychlor	ND		U	0.00259	0.00358	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
Toxaphene	ND		U	0.0713	0.0896	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ
* Chlordane, total	ND		U	0.0130	0.0179	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 12:53	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*59.3 %*			*30-150*	*EPA 8081B*	*8/14/26 12:53*
Surrogate: Tetrachloro-m-xylene	*82.7 %*			*30-150*	*EPA 8081B*	*8/14/26 12:53*

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:26	RJ
gamma-BHC (Lindane)	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:26	RJ
Heptachlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:26	RJ
Heptachlor epoxide	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:26	RJ
Methoxychlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:26	RJ
Toxaphene	ND		U	1.11	1.11	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:26	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.4 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 16:26*
Surrogate: Tetrachloro-m-xylene	*66.6 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 16:26*

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1221	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1232	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1242	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1248	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1254	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1260	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1262	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
Aroclor 1268	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF
* Total PCBs	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:15	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*76.5 %*			*30-120*	*EPA 8082A*	*8/14/26 22:15*
Surrogate: Decachlorobiphenyl	*54.5 %*			*30-120*	*EPA 8082A*	*8/14/26 22:15*

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	1.00	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 15:03	gxb
2,4-D	ND		U	2.17	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 15:03	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*53.8 %*			*10-130*	*EPA 8151A/1311*	*8/17/26 15:03*

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Barium	**0.898**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Lead	**0.275**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR
Zinc	ND		U	0.110	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:16	AGNR

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5910**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Arsenic	**3.44**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Barium	**93.4**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Beryllium	**0.159**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Cadmium	**0.325**			0.270	0.270	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Calcium	**2800**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Chromium	**27.9**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Cobalt	**5.85**			0.360	0.360	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Copper	**28.9**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Iron	**11100**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Lead	**138**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Magnesium	**2510**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Manganese	**246**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Nickel	**36.8**			0.898	0.898	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Potassium	**998**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Silver	ND		U	0.454	0.454	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Sodium	**118**			45.1	45.1	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Thallium	ND		U	1.08	1.81	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR
Vanadium	**86.4**			0.898	0.898	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Zinc	**94.1**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:07	AGNR

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.452**			0.0103	0.0325	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:49	LCB

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.197	0.541	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.91**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:02	BF
* Temperature	**22.4**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:02	BF
Cyanide, total	ND		U	0.318	0.541	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.4**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:11	8/14/26 12:34	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:03	8/14/26 13:13	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-11**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6	**Collection Date/Time:**	8/11/26 11:35

Lab ID:	**26H0577-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-12**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6-G3	**Collection Date/Time:**	8/11/26 11:30

Lab ID:	**26H0577-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1,1-Trichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1,2-Trichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1-Dichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1-Dichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,1-Dichloropropylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2,3-Trichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2,3-Trichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2,4-Trichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2,4-Trimethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2-Dibromoethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2-Dichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2-Dichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,2-Dichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,3,5-Trimethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,3-Dichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,3-Dichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
1,4-Dichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
2,2-Dichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
2-Butanone	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
2-Chloroethylvinyl ether	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
2-Chlorotoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
2-Hexanone	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-12**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6-G3	**Collection Date/Time:**	8/11/26 11:30

Lab ID:	**26H0577-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
4-Methyl-2-pentanone	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Acetone	ND	CAL-E	U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Acrolein	ND	ICVE	U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Acrylonitrile	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Benzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Bromobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Bromochloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Bromodichloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Bromoform	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Bromomethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Carbon disulfide	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Carbon tetrachloride	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Chlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Chloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Chloroform	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Chloromethane	ND	CCVE	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
cis-1,2-Dichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
cis-1,3-Dichloropropylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Cyclohexane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Dibromochloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Dibromomethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0040	0.0080	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* Ethanol	ND		U	0.040	0.080	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Ethyl Benzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0040	0.0080	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* Iodomethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Isopropylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Methyl acetate	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Methyl Methacrylate	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Methylcyclohexane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Methylene chloride	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Naphthalene	ND		U	0.0025	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
n-Butylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
n-Propylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
o-Xylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
p- & m- Xylenes	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* p-Diethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* p-Ethyltoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
p-Isopropyltoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
sec-Butylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Styrene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-12**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-6-G3	**Collection Date/Time:**	8/11/26 11:30

Lab ID:	**26H0577-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.040	0.080	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0040	0.0080	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
tert-Butyl alcohol (TBA)	ND		U	0.012	0.025	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
tert-Butylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Tetrachloroethylene	ND	QL-02	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* Tetrahydrofuran	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Toluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
trans-1,2-Dichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
trans-1,3-Dichloropropylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Trichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Trichlorofluoromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Vinyl acetate	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Vinyl Chloride	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS
Xylenes, Total	ND		U	0.0075	0.015	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:12	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/15/26 15:12*
Surrogate: SURR: Toluene-d8	*104 %*			*85-120*	*EPA 8260D*	*8/15/26 15:12*
Surrogate: SURR: p-Bromofluorobenzene	*112 %*			*76-130*	*EPA 8260D*	*8/15/26 15:12*

Lab ID:	**26H0577-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.4**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
1,2-Dichloroethane	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
1,4-Dichlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
2-Butanone	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Benzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Carbon tetrachloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Chlorobenzene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Chloroform	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Tetrachloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Trichloroethylene	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS
Vinyl Chloride	ND		U	25	50	10	ug/L	EPA 8260D/1311	8/14/26 7:00	8/16/26 03:35	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*106 %*			*65-135*	*EPA 8260D/1311*	*8/16/26 03:35*
Surrogate: SURR: Toluene-d8	*85.3 %*	S-08		*86-118*	*EPA 8260D/1311*	*8/16/26 03:35*
Surrogate: SURR: p-Bromofluorobenzene	*110 %*			*84.2-124*	*EPA 8260D/1311*	*8/16/26 03:35*

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0367	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0300	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
1,2,4-Trichlorobenzene	ND		U	0.0325	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
1,2-Dichlorobenzene	ND		U	0.0280	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0282	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
1,3-Dichlorobenzene	ND		U	0.0328	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
1,4-Dichlorobenzene	ND		U	0.0270	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0424	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,4,5-Trichlorophenol	ND		U	0.0420	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,4,6-Trichlorophenol	ND		U	0.0272	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,4-Dichlorophenol	ND		U	0.0309	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,4-Dimethylphenol	ND		U	0.0384	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,4-Dinitrophenol	ND		U	0.0345	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,4-Dinitrotoluene	ND		U	0.0336	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2,6-Dinitrotoluene	ND		U	0.0368	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2-Chloronaphthalene	ND		U	0.0294	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0264	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2-Methylnaphthalene	ND		U	0.0271	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2-Methylphenol	ND		U	0.0282	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2-Nitroaniline	ND		U	0.0250	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
2-Nitrophenol	ND		U	0.0395	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
* 3- & 4-Methylphenols	ND		U	0.0277	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
3,3-Dichlorobenzidine	ND		U	0.0271	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
3-Nitroaniline	ND		U	0.0336	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0462	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4-Bromophenyl phenyl ether	ND		U	0.0365	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4-Chloro-3-methylphenol	ND		U	0.0293	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4-Chloroaniline	ND		U	0.0278	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4-Chlorophenyl phenyl ether	ND		U	0.0368	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4-Nitroaniline	ND		U	0.0317	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
4-Nitrophenol	ND		U	0.0523	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Acenaphthene	**0.135**			0.0328	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Acenaphthylene	**0.126**			0.0283	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Acetophenone	ND		U	0.0271	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Aniline	ND		U	0.0385	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Anthracene	**0.394**			0.0296	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Atrazine	ND		U	0.0316	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzaldehyde	ND		U	0.0322	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzidine	ND		U	0.0107	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzo(a)anthracene	**1.19**			0.0289	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzo(a)pyrene	**0.551**			0.0327	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzo(b)fluoranthene	**0.837**			0.0333	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzo(g,h,i)perylene	**0.389**			0.0317	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzo(k)fluoranthene	**0.734**			0.0327	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzoic acid	ND		U	0.0372	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzyl alcohol	ND		U	0.0275	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Benzyl butyl phthalate	ND		U	0.0386	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Bis(2-chloroethoxy)methane	ND		U	0.0276	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Bis(2-chloroethyl)ether	ND		U	0.0206	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0392	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Bis(2-ethylhexyl)phthalate	**0.639**			0.0382	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Caprolactam	ND		U	0.0431	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Carbazole	**0.0754**	J	J	0.0295	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Chrysene	**1.16**			0.0284	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Dibenzo(a,h)anthracene	**0.153**			0.0265	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Dibenzofuran	**0.0612**	J	J	0.0293	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Diethyl phthalate	**3.55**		D	0.169	0.442	5	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 16:38	SR
Dimethyl phthalate	ND		U	0.0303	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Di-n-butyl phthalate	**0.977**			0.0372	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Di-n-octyl phthalate	ND		U	0.0283	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Fluoranthene	**1.78**		D	0.142	0.442	5	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 16:38	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	**0.107**			0.0335	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Hexachlorobenzene	ND		U	0.0359	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Hexachlorobutadiene	ND		U	0.0296	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Hexachlorocyclopentadiene	ND		U	0.0445	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Hexachloroethane	ND		U	0.0343	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Indeno(1,2,3-cd)pyrene	**0.455**			0.0343	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Isophorone	ND		U	0.0297	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Naphthalene	ND		U	0.0309	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Nitrobenzene	ND		U	0.0299	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
N-Nitrosodimethylamine	ND		U	0.0386	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
N-nitroso-di-n-propylamine	ND		U	0.0289	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
N-Nitrosodiphenylamine	ND		U	0.0357	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Pentachlorophenol	ND		U	0.0394	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Phenanthrene	**1.05**			0.0284	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Phenol	ND		U	0.0374	0.0885	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:06	SR
Pyrene	**2.09**		D	0.139	0.442	5	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 16:38	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*102 %*			*20-108*	*EPA 8270E*	*8/20/26 16:38*
Surrogate: SURR: Phenol-d6	*91.7 %*			*23-114*	*EPA 8270E*	*8/20/26 16:38*
Surrogate: SURR: Nitrobenzene-d5	*104 %*			*22-108*	*EPA 8270E*	*8/19/26 16:06*
Surrogate: SURR: 2-Fluorobiphenyl	*80.4 %*			*21-113*	*EPA 8270E*	*8/19/26 16:06*
Surrogate: SURR: 2,4,6-Tribromophenol	*77.2 %*			*19-110*	*EPA 8270E*	*8/19/26 16:06*
Surrogate: SURR: Terphenyl-d14	*97.7 %*			*24-116*	*EPA 8270E*	*8/19/26 16:06*

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	EXT-EM

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
2-Methylphenol	ND	CCVE	U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
* 3- & 4-Methylphenols	ND	CCVE	U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
Pentachlorophenol	ND	CCVE	U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/15/26 7:10	8/19/26 11:32	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	EXT-EM

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*46.7 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 11:32*
Surrogate: SURR: Phenol-d6	*31.3 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 11:32*
Surrogate: SURR: Nitrobenzene-d5	*60.7 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 11:32*
Surrogate: SURR: 2-Fluorobiphenyl	*57.4 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 11:32*
Surrogate: SURR: 2,4,6-Tribromophenol	*87.4 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 11:32*
Surrogate: SURR: Terphenyl-d14	*66.5 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 11:32*

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00997**		D	0.00341	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
4,4'-DDE	**0.00418**	P	DP	0.00145	0.00180	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
4,4'-DDT	ND		U	0.00287	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Aldrin	ND		U	0.00114	0.00180	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
alpha-BHC	ND		U	0.00495	0.00540	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
alpha-Chlordane	**0.00491**		D	0.00216	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
beta-BHC	ND		U	0.00567	0.00810	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
delta-BHC	ND		U	0.00502	0.00540	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Dieldrin	ND		U	0.00264	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Endosulfan I	ND		U	0.00135	0.00180	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Endosulfan II	ND		U	0.00218	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Endosulfan sulfate	ND		U	0.00180	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Endrin	ND		U	0.00272	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Endrin aldehyde	ND		U	0.00405	0.00540	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Endrin ketone	ND		U	0.00265	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
gamma-BHC (Lindane)	ND		U	0.00231	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
gamma-Chlordane	**0.00367**	P	DP	0.00299	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Heptachlor	ND		U	0.00183	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Heptachlor epoxide	ND		U	0.000988	0.00180	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Methoxychlor	ND		U	0.00260	0.00360	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
Toxaphene	ND		U	0.0716	0.0900	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ
* Chlordane, total	ND		U	0.0131	0.0180	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:10	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*70.3 %*			*30-150*	*EPA 8081B*	*8/14/26 13:10*
Surrogate: Tetrachloro-m-xylene	*99.1 %*			*30-150*	*EPA 8081B*	*8/14/26 13:10*

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:43	RJ
gamma-BHC (Lindane)	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:43	RJ
Heptachlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:43	RJ
Heptachlor epoxide	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:43	RJ
Methoxychlor	ND		U	0.0444	0.0444	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:43	RJ
Toxaphene	ND		U	1.11	1.11	1	ug/L	EPA 8081B/1311	8/18/26 8:00	8/18/26 16:43	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*50.9 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 16:43*
Surrogate: Tetrachloro-m-xylene	*72.9 %*			*30-150*	*EPA 8081B/1311*	*8/18/26 16:43*

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1254	**0.0193**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
Aroclor 1268	**0.0187**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF
* Total PCBs	**0.0380**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:28	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*72.0 %*			*30-120*	*EPA 8082A*	*8/14/26 22:28*
Surrogate: Decachlorobiphenyl	*66.0 %*			*30-120*	*EPA 8082A*	*8/14/26 22:28*

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	1.00	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 15:09	gxb
2,4-D	ND		U	2.17	5.00	1	ug/L	EPA 8151A/1311	8/16/26 7:00	8/17/26 15:09	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*50.8 %*			*10-130*	*EPA 8151A/1311*	*8/17/26 15:09*

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Barium	**0.825**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Lead	**0.548**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR
Zinc	**1.46**			0.110	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:18	AGNR

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4700**			4.45	4.45	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Antimony	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Arsenic	**3.73**			1.34	1.34	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Barium	**151**			2.22	2.22	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Beryllium	**0.139**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Cadmium	**0.517**			0.267	0.267	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Calcium	**6040**			4.45	4.45	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Chromium	**14.9**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Cobalt	**4.04**			0.356	0.356	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Copper	**42.2**			1.78	1.78	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Iron	**9980**			22.3	22.3	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Lead	**177**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Magnesium	**2790**			4.46	4.46	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Manganese	**160**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Nickel	**21.2**			0.887	0.887	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Potassium	**695**			4.46	4.46	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Selenium	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Silver	ND		U	0.449	0.449	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Sodium	**101**			44.5	44.5	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Thallium	ND		U	1.07	1.79	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR
Vanadium	**17.4**			0.887	0.887	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Zinc	**161**			2.22	2.22	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:09	AGNR

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.416**			0.0103	0.0326	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:49	LCB

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.198	0.543	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.67**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:04	BF
* Temperature	**22.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:04	BF
Cyanide, total	ND		U	0.320	0.543	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.0**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/P	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:03	8/14/26 13:13	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:11	8/14/26 12:34	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-13**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7	**Collection Date/Time:**	8/11/26 11:45

Lab ID:	**26H0577-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-14**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7-G6	**Collection Date/Time:**	8/11/26 11:40

Lab ID:	**26H0577-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
2-Butanone	**0.0082**			0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-14**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7-G6	**Collection Date/Time:**	8/11/26 11:40

Lab ID:	**26H0577-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Acetone	**0.049**	CAL-E		0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Acrolein	ND	ICVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Carbon disulfide	**0.0037**	J	J	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Chloromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0046	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* Ethanol	ND		U	0.046	0.093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0046	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Methyl Methacrylate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Naphthalene	ND		U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-14**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-7-G6	**Collection Date/Time:**	8/11/26 11:40

Lab ID:	**26H0577-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.046	0.093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0046	0.0093	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.029	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Tetrachloroethylene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS
Xylenes, Total	ND		U	0.0087	0.017	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 15:39	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/15/26 15:39*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 15:39*
Surrogate: SURR: p-Bromofluorobenzene	*110 %*			*76-130*	*EPA 8260D*	*8/15/26 15:39*

Lab ID:	**26H0577-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.9**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0380	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0311	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
1,2,4-Trichlorobenzene	ND		U	0.0337	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
1,2-Dichlorobenzene	ND		U	0.0291	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0293	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
1,3-Dichlorobenzene	ND		U	0.0340	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
1,4-Dichlorobenzene	ND		U	0.0280	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0440	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,4,5-Trichlorophenol	ND		U	0.0436	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,4,6-Trichlorophenol	ND		U	0.0282	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,4-Dichlorophenol	ND		U	0.0321	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,4-Dimethylphenol	ND		U	0.0399	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,4-Dinitrophenol	ND		U	0.0358	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,4-Dinitrotoluene	ND		U	0.0348	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2,6-Dinitrotoluene	ND		U	0.0382	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2-Chloronaphthalene	ND		U	0.0305	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2-Chlorophenol	ND		U	0.0274	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2-Methylnaphthalene	ND		U	0.0281	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2-Methylphenol	ND		U	0.0292	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2-Nitroaniline	ND		U	0.0259	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
2-Nitrophenol	ND		U	0.0409	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
* 3- & 4-Methylphenols	ND		U	0.0287	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
3,3-Dichlorobenzidine	ND		U	0.0282	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
3-Nitroaniline	ND		U	0.0348	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0480	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4-Bromophenyl phenyl ether	ND		U	0.0379	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4-Chloro-3-methylphenol	ND		U	0.0304	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4-Chloroaniline	ND		U	0.0288	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4-Chlorophenyl phenyl ether	ND		U	0.0381	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4-Nitroaniline	ND		U	0.0329	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
4-Nitrophenol	ND		U	0.0542	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Acenaphthene	**0.0789**	J	J	0.0340	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Acenaphthylene	**0.0367**	J	J	0.0293	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Acetophenone	ND		U	0.0281	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Aniline	ND		U	0.0399	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Anthracene	**0.189**			0.0307	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Atrazine	ND		U	0.0328	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzaldehyde	ND		U	0.0334	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzidine	ND		U	0.0111	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzo(a)anthracene	**0.571**			0.0300	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzo(a)pyrene	**0.280**			0.0339	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzo(b)fluoranthene	**0.409**			0.0345	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzo(g,h,i)perylene	**0.224**			0.0328	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzo(k)fluoranthene	**0.359**			0.0339	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0386	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzyl alcohol	ND		U	0.0285	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Benzyl butyl phthalate	ND		U	0.0401	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Bis(2-chloroethoxy)methane	ND		U	0.0286	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Bis(2-chloroethyl)ether	ND		U	0.0213	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0407	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Bis(2-ethylhexyl)phthalate	**0.0885**	J	J	0.0396	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Caprolactam	ND		U	0.0447	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Carbazole	**0.0738**	J	J	0.0306	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Chrysene	**0.563**			0.0295	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Dibenzo(a,h)anthracene	**0.0877**	J	J	0.0275	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Dibenzofuran	**0.0334**	J	J	0.0304	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Diethyl phthalate	ND		U	0.0350	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Dimethyl phthalate	ND		U	0.0314	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Di-n-butyl phthalate	ND		U	0.0386	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Di-n-octyl phthalate	ND		U	0.0294	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Fluoranthene	**0.996**			0.0295	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Fluorene	**0.0650**	J	J	0.0347	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Hexachlorobenzene	ND		U	0.0372	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Hexachlorobutadiene	ND		U	0.0307	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Hexachlorocyclopentadiene	ND		U	0.0462	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Hexachloroethane	ND		U	0.0356	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Indeno(1,2,3-cd)pyrene	**0.269**			0.0356	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Isophorone	ND		U	0.0308	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Naphthalene	ND		U	0.0321	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Nitrobenzene	ND		U	0.0310	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
N-Nitrosodimethylamine	ND		U	0.0400	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
N-nitroso-di-n-propylamine	ND		U	0.0299	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
N-Nitrosodiphenylamine	ND		U	0.0370	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Pentachlorophenol	ND		U	0.0409	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Phenanthrene	**0.642**			0.0295	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Phenol	ND		U	0.0387	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR
Pyrene	**1.13**			0.0289	0.0917	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 16:36	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*107 %*			*22-108*	*EPA 8270E*	*8/19/26 16:36*
Surrogate: SURR: 2-Fluorobiphenyl	*79.5 %*			*21-113*	*EPA 8270E*	*8/19/26 16:36*
Surrogate: SURR: 2,4,6-Tribromophenol	*76.6 %*			*19-110*	*EPA 8270E*	*8/19/26 16:36*
Surrogate: SURR: Terphenyl-d14	*97.4 %*			*24-116*	*EPA 8270E*	*8/19/26 16:36*

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00546**		D	0.00353	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
4,4'-DDE	**0.00205**	P	DP	0.00150	0.00187	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
4,4'-DDT	ND		U	0.00297	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Aldrin	ND		U	0.00118	0.00187	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
alpha-BHC	ND		U	0.00513	0.00560	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
alpha-Chlordane	ND		U	0.00224	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
beta-BHC	ND		U	0.00588	0.00840	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
delta-BHC	ND		U	0.00520	0.00560	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Dieldrin	ND		U	0.00274	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Endosulfan I	ND		U	0.00140	0.00187	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Endosulfan II	ND		U	0.00227	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Endosulfan sulfate	ND		U	0.00187	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Endrin	ND		U	0.00282	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Endrin aldehyde	ND		U	0.00420	0.00560	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Endrin ketone	ND		U	0.00275	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
gamma-BHC (Lindane)	ND		U	0.00239	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
gamma-Chlordane	ND		U	0.00310	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Heptachlor	ND		U	0.00190	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Heptachlor epoxide	ND		U	0.00103	0.00187	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Methoxychlor	ND		U	0.00269	0.00373	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
Toxaphene	ND		U	0.0742	0.0933	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ
* Chlordane, total	ND		U	0.0135	0.0187	5	mg/kg dry	EPA 8081B	8/13/26 9:37	8/14/26 13:27	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*60.0 %*			*30-150*	*EPA 8081B*	*8/14/26 13:27*
Surrogate: Tetrachloro-m-xylene	*102 %*			*30-150*	*EPA 8081B*	*8/14/26 13:27*

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1221	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1232	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1242	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1248	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1254	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1260	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1262	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
Aroclor 1268	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF
* Total PCBs	**0.0299**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/13/26 9:36	8/14/26 22:42	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*81.5 %*			*30-120*	*EPA 8082A*	*8/14/26 22:42*
Surrogate: Decachlorobiphenyl	*58.0 %*			*30-120*	*EPA 8082A*	*8/14/26 22:42*

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR
Barium	**0.782**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR
Lead	**0.580**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:19	AGNR

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6190**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Antimony	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Arsenic	**3.79**			1.41	1.41	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Barium	**149**			2.34	2.34	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Beryllium	**0.180**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Cadmium	**0.423**			0.282	0.282	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Calcium	**3860**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Chromium	**16.5**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Cobalt	**5.84**			0.375	0.375	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Copper	**43.2**			1.88	1.88	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Iron	**12300**			23.5	23.5	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Lead	**201**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Magnesium	**2500**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Manganese	**193**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Nickel	**33.7**			0.935	0.935	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Potassium	**1010**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Selenium	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Silver	ND		U	0.473	0.473	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**159**			47.0	47.0	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Thallium	ND		U	1.13	1.88	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Vanadium	**19.8**			0.935	0.935	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR
Zinc	**130**			2.34	2.34	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:10	AGNR

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.657**			0.0107	0.0338	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:49	LCB

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.206	0.564	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.82**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:05	BF
* Temperature	**22.4**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:05	BF
Cyanide, total	ND		U	0.331	0.564	1	mg/kg dry	EPA 9014/9010C	8/14/26 8:37	8/14/26 14:00	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.7**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-15**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8	**Collection Date/Time:**	8/11/26 12:05

Lab ID:	**26H0577-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-16**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8-G5	**Collection Date/Time:**	8/11/26 12:00

Lab ID:	**26H0577-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1-Dichloroethane	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,3-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
2-Butanone	**0.038**			0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
2-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-16**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8-G5	**Collection Date/Time:**	8/11/26 12:00

Lab ID:	**26H0577-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
4-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Acetone	**0.69**			0.0056	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Acrolein	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Acrylonitrile	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Bromobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Bromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Bromodichloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Bromoform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Bromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Carbon disulfide	**0.0028**	J	J	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Carbon tetrachloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Chlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Chloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Chloroform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Cyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Dibromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Dibromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* Diisopropyl ether (DIPE)	ND	QL-02, CCVE	U	0.0045	0.0089	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* Ethanol	ND		U	0.045	0.089	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Ethyl Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0045	0.0089	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* Iodomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Isopropylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Methyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Methyl Methacrylate	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Methylcyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Methylene chloride	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Naphthalene	ND	QL-02	U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
n-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
n-Propylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
o-Xylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
p- & m- Xylenes	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* p-Diethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-16**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-8-G5	**Collection Date/Time:**	8/11/26 12:00

Lab ID:	**26H0577-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
sec-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Styrene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.045	0.089	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0045	0.0089	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
tert-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Tetrachloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* Tetrahydrofuran	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Toluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Trichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Vinyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Vinyl Chloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS
Xylenes, Total	ND		U	0.0084	0.017	1	mg/kg dry	EPA 8260D	8/17/26 20:53	8/18/26 00:51	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/18/26 00:51*
Surrogate: SURR: Toluene-d8	*91.5 %*			*85-120*	*EPA 8260D*	*8/18/26 00:51*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*76-130*	*EPA 8260D*	*8/18/26 00:51*

Lab ID:	**26H0577-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.8**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0458	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0374	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
1,2,4-Trichlorobenzene	ND		U	0.0406	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
1,2-Dichlorobenzene	ND		U	0.0350	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0352	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
1,3-Dichlorobenzene	ND		U	0.0409	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
1,4-Dichlorobenzene	ND		U	0.0337	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0529	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,4,5-Trichlorophenol	ND		U	0.0525	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,4,6-Trichlorophenol	ND		U	0.0339	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,4-Dichlorophenol	ND		U	0.0386	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,4-Dimethylphenol	ND		U	0.0480	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,4-Dinitrophenol	ND		U	0.0431	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,4-Dinitrotoluene	ND		U	0.0419	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2,6-Dinitrotoluene	ND		U	0.0460	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2-Chloronaphthalene	ND		U	0.0367	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2-Chlorophenol	ND		U	0.0329	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2-Methylnaphthalene	ND		U	0.0338	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2-Methylphenol	ND		U	0.0352	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2-Nitroaniline	ND		U	0.0312	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
2-Nitrophenol	ND		U	0.0492	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
* 3- & 4-Methylphenols	ND		U	0.0345	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
3,3-Dichlorobenzidine	ND		U	0.0339	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
3-Nitroaniline	ND		U	0.0419	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0577	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4-Bromophenyl phenyl ether	ND		U	0.0456	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4-Chloro-3-methylphenol	ND		U	0.0366	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4-Chloroaniline	ND		U	0.0347	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4-Chlorophenyl phenyl ether	ND		U	0.0459	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4-Nitroaniline	ND		U	0.0396	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
4-Nitrophenol	ND		U	0.0652	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Acenaphthene	**0.0530**	J	J	0.0409	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Acenaphthylene	ND		U	0.0353	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Acetophenone	ND		U	0.0338	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Aniline	ND		U	0.0480	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Anthracene	**0.140**			0.0369	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Atrazine	ND		U	0.0395	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzaldehyde	ND		U	0.0402	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzidine	ND		U	0.0133	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzo(a)anthracene	**0.436**			0.0361	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzo(a)pyrene	**0.255**			0.0408	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzo(b)fluoranthene	**0.358**			0.0415	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzo(g,h,i)perylene	**0.246**			0.0395	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzo(k)fluoranthene	**0.318**			0.0408	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0464	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzyl alcohol	ND		U	0.0343	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Benzyl butyl phthalate	ND		U	0.0482	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Bis(2-chloroethoxy)methane	ND		U	0.0344	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Bis(2-chloroethyl)ether	ND		U	0.0257	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0490	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0477	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Caprolactam	ND		U	0.0538	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Carbazole	**0.0539**	J	J	0.0368	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Chrysene	**0.410**			0.0355	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Dibenzo(a,h)anthracene	**0.0901**	J	J	0.0331	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Dibenzofuran	ND		U	0.0365	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Diethyl phthalate	ND		U	0.0421	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Dimethyl phthalate	ND		U	0.0378	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Di-n-butyl phthalate	ND		U	0.0465	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Di-n-octyl phthalate	ND		U	0.0353	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Fluoranthene	**0.723**			0.0355	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Fluorene	ND		U	0.0418	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Hexachlorobenzene	ND		U	0.0448	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Hexachlorobutadiene	ND		U	0.0370	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Hexachlorocyclopentadiene	ND		U	0.0556	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Hexachloroethane	ND		U	0.0428	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Indeno(1,2,3-cd)pyrene	**0.266**			0.0428	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Isophorone	ND		U	0.0370	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Naphthalene	ND		U	0.0386	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Nitrobenzene	ND		U	0.0373	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
N-Nitrosodimethylamine	ND		U	0.0481	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
N-nitroso-di-n-propylamine	ND		U	0.0360	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
N-Nitrosodiphenylamine	ND		U	0.0445	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Pentachlorophenol	ND		U	0.0492	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Phenanthrene	**0.436**			0.0355	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Phenol	ND		U	0.0466	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR
Pyrene	**0.777**			0.0348	0.110	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:10	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*76.9 %*			*20-108*	*EPA 8270E*	*8/19/26 09:10*
Surrogate: SURR: Phenol-d6	*70.9 %*			*23-114*	*EPA 8270E*	*8/19/26 09:10*
Surrogate: SURR: Nitrobenzene-d5	*74.6 %*			*22-108*	*EPA 8270E*	*8/19/26 09:10*
Surrogate: SURR: 2-Fluorobiphenyl	*54.8 %*			*21-113*	*EPA 8270E*	*8/19/26 09:10*
Surrogate: SURR: 2,4,6-Tribromophenol	*49.5 %*			*19-110*	*EPA 8270E*	*8/19/26 09:10*
Surrogate: SURR: Terphenyl-d14	*57.8 %*			*24-116*	*EPA 8270E*	*8/19/26 09:10*

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0150**		D	0.00631	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
4,4'-DDE	**0.00666**		D	0.00268	0.00333	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
4,4'-DDT	ND		U	0.00530	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Aldrin	ND		U	0.00211	0.00333	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
alpha-BHC	ND		U	0.00915	0.00999	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
alpha-Chlordane	**0.00698**		D	0.00401	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
beta-BHC	ND		U	0.0105	0.0150	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
delta-BHC	ND		U	0.00928	0.00999	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Dieldrin	ND		U	0.00489	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Endosulfan I	ND		U	0.00250	0.00333	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Endosulfan II	ND		U	0.00404	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Endosulfan sulfate	ND		U	0.00333	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Endrin	ND		U	0.00503	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Endrin aldehyde	ND		U	0.00749	0.00999	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Endrin ketone	ND		U	0.00491	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
gamma-BHC (Lindane)	ND		U	0.00427	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
gamma-Chlordane	**0.00936**		D	0.00553	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Heptachlor	ND		U	0.00339	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Heptachlor epoxide	ND		U	0.00183	0.00333	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Methoxychlor	ND		U	0.00481	0.00666	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
Toxaphene	ND		U	0.132	0.167	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ
* Chlordane, total	**0.0713**		D	0.0242	0.0333	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:02	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*56.9 %*			*30-150*	*EPA 8081B*	*8/14/26 19:02*
Surrogate: Tetrachloro-m-xylene	*85.8 %*			*30-150*	*EPA 8081B*	*8/14/26 19:02*

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1221	ND		U	0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1232	ND		U	0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1242	**0.0462**			0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1248	ND		U	0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1254	**0.0639**			0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1260	**0.0485**			0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1262	ND		U	0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
Aroclor 1268	ND		U	0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF
* Total PCBs	**0.159**			0.0333	0.0333	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:41	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.5 %*			*30-120*	*EPA 8082A*	*8/15/26 06:41*
Surrogate: Decachlorobiphenyl	*63.0 %*			*30-120*	*EPA 8082A*	*8/15/26 06:41*

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR
Barium	**0.942**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR
Lead	**0.898**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:21	AGNR

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7970**			5.58	5.58	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Antimony	ND		U	2.79	2.79	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Arsenic	**6.02**			1.67	1.67	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Barium	**181**			2.78	2.78	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Beryllium	**0.205**			0.056	0.056	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Cadmium	**0.669**			0.335	0.335	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Calcium	**5740**			5.58	5.58	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Chromium	**19.8**			0.558	0.558	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Cobalt	**8.02**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Copper	**74.5**			2.23	2.23	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Iron	**18400**			27.9	27.9	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Lead	**729**			0.558	0.558	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Magnesium	**3100**			5.58	5.58	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Manganese	**244**			0.558	0.558	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Nickel	**38.5**			1.11	1.11	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Potassium	**1350**			5.58	5.58	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Selenium	ND		U	2.79	2.79	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Silver	**0.591**			0.562	0.562	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**151**			55.8	55.8	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Thallium	ND		U	1.34	2.24	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Vanadium	**33.2**			1.11	1.11	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR
Zinc	**216**			2.78	2.78	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:12	AGNR

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.651**			0.0127	0.0402	1	mg/kg dry	EPA 7473	8/13/26 8:59	8/13/26 10:50	LCB

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.244	0.669	1	mg/kg dry	EPA 7196A	8/14/26 10:53	8/14/26 18:05	JMT
pH	**7.82**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:07	BF
* Temperature	**22.1**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:07	BF
Cyanide, total	ND		U	0.394	0.669	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**74.7**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	Free Liquid Present			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-17**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9	**Collection Date/Time:**	8/11/26 12:15

Lab ID:	**26H0577-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-18**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9-G3	**Collection Date/Time:**	8/11/26 12:10

Lab ID:	**26H0577-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1,1-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1,2-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,1-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2,3-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2,3-Trichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2,4-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2,4-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2-Dibromoethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,3,5-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,3-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,3-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
1,4-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
2,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
2-Butanone	**0.023**			0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.025	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
2-Chlorotoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
2-Hexanone	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-18**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9-G3	**Collection Date/Time:**	8/11/26 12:10

Lab ID:	**26H0577-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
4-Methyl-2-pentanone	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Acetone	**0.12**	CAL-E		0.0062	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Acrolein	ND	ICVE	U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Acrylonitrile	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Bromobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Bromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Bromodichloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Bromoform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Bromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Carbon disulfide	**0.0034**	J	J	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Carbon tetrachloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Chlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Chloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Chloroform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Chloromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
cis-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
cis-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Cyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Dibromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Dibromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* Ethanol	ND		U	0.050	0.10	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Ethyl Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* Iodomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Isopropylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Methyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Methyl Methacrylate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Methylcyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Methylene chloride	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Naphthalene	ND		U	0.0031	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
n-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
n-Propylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
o-Xylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
p- & m- Xylenes	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* p-Diethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* p-Ethyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
p-Isopropyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
sec-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Styrene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-18**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-9-G3	**Collection Date/Time:**	8/11/26 12:10

Lab ID:	**26H0577-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.050	0.10	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
tert-Butyl alcohol (TBA)	ND		U	0.016	0.031	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
tert-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Tetrachloroethylene	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* Tetrahydrofuran	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Toluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
trans-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
trans-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Trichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Trichlorofluoromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Vinyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Vinyl Chloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS
Xylenes, Total	ND		U	0.0094	0.019	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 16:33	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/15/26 16:33*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 16:33*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/15/26 16:33*

Lab ID:	**26H0577-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.0**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0379	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0310	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
1,2,4-Trichlorobenzene	ND		U	0.0336	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
1,2-Dichlorobenzene	ND		U	0.0290	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0291	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
1,3-Dichlorobenzene	ND		U	0.0338	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
1,4-Dichlorobenzene	ND		U	0.0279	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0438	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,4,5-Trichlorophenol	ND		U	0.0434	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,4,6-Trichlorophenol	ND		U	0.0281	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,4-Dichlorophenol	ND		U	0.0319	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,4-Dimethylphenol	ND		U	0.0397	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,4-Dinitrophenol	ND		U	0.0357	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,4-Dinitrotoluene	ND		U	0.0347	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2,6-Dinitrotoluene	ND		U	0.0380	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2-Chloronaphthalene	ND		U	0.0304	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2-Chlorophenol	ND		U	0.0273	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2-Methylnaphthalene	ND		U	0.0280	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2-Methylphenol	ND		U	0.0291	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2-Nitroaniline	ND		U	0.0258	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
2-Nitrophenol	ND		U	0.0408	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
* 3- & 4-Methylphenols	ND		U	0.0286	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
3,3-Dichlorobenzidine	ND		U	0.0280	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
3-Nitroaniline	ND		U	0.0347	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0477	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4-Bromophenyl phenyl ether	ND		U	0.0377	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4-Chloro-3-methylphenol	ND		U	0.0303	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4-Chloroaniline	ND		U	0.0287	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4-Chlorophenyl phenyl ether	ND		U	0.0380	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4-Nitroaniline	ND		U	0.0327	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
4-Nitrophenol	ND		U	0.0540	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Acenaphthene	**0.0921**			0.0338	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Acenaphthylene	**0.0340**	J	J	0.0292	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Acetophenone	ND		U	0.0280	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Aniline	ND		U	0.0397	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Anthracene	**0.201**			0.0305	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Atrazine	ND		U	0.0327	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzaldehyde	ND		U	0.0332	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzidine	ND		U	0.0110	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzo(a)anthracene	**0.760**			0.0298	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzo(a)pyrene	**0.491**			0.0337	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzo(b)fluoranthene	**0.718**			0.0344	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzo(g,h,i)perylene	**0.463**			0.0327	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzo(k)fluoranthene	**0.585**			0.0338	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0384	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzyl alcohol	ND		U	0.0283	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Benzyl butyl phthalate	ND		U	0.0399	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Bis(2-chloroethoxy)methane	ND		U	0.0285	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Bis(2-chloroethyl)ether	ND		U	0.0212	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0405	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Bis(2-ethylhexyl)phthalate	**0.0621**	J	J	0.0395	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Caprolactam	ND		U	0.0445	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Carbazole	**0.0658**	J	J	0.0304	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Chrysene	**0.763**			0.0294	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Dibenzo(a,h)anthracene	**0.166**			0.0274	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Dibenzofuran	ND		U	0.0302	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Diethyl phthalate	ND		U	0.0348	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Dimethyl phthalate	ND		U	0.0313	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Di-n-butyl phthalate	ND		U	0.0385	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Di-n-octyl phthalate	ND		U	0.0292	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Fluoranthene	**1.29**			0.0294	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Fluorene	**0.0486**	J	J	0.0346	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Hexachlorobenzene	ND		U	0.0370	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Hexachlorobutadiene	ND		U	0.0306	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Hexachlorocyclopentadiene	ND		U	0.0460	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Hexachloroethane	ND		U	0.0354	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Indeno(1,2,3-cd)pyrene	**0.493**			0.0354	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Isophorone	ND		U	0.0306	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Naphthalene	ND		U	0.0319	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Nitrobenzene	ND		U	0.0309	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
N-Nitrosodimethylamine	ND		U	0.0398	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
N-nitroso-di-n-propylamine	ND		U	0.0298	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
N-Nitrosodiphenylamine	ND		U	0.0368	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Pentachlorophenol	ND		U	0.0407	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Phenanthrene	**0.543**			0.0294	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Phenol	ND		U	0.0386	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR
Pyrene	**1.34**			0.0288	0.0913	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 09:40	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*85.1 %*			*22-108*	*EPA 8270E*	*8/19/26 09:40*
Surrogate: SURR: 2-Fluorobiphenyl	*65.6 %*			*21-113*	*EPA 8270E*	*8/19/26 09:40*
Surrogate: SURR: 2,4,6-Tribromophenol	*62.0 %*			*19-110*	*EPA 8270E*	*8/19/26 09:40*
Surrogate: SURR: Terphenyl-d14	*66.1 %*			*24-116*	*EPA 8270E*	*8/19/26 09:40*

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0144**		D	0.00347	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
4,4'-DDE	**0.00494**		D	0.00148	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
4,4'-DDT	**0.00464**	P	DP	0.00292	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Aldrin	ND		U	0.00116	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
alpha-BHC	ND		U	0.00504	0.00550	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
alpha-Chlordane	**0.00795**		D	0.00221	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
beta-BHC	ND		U	0.00578	0.00825	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
delta-BHC	ND		U	0.00511	0.00550	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Dieldrin	ND		U	0.00269	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Endosulfan II	ND		U	0.00223	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Endosulfan sulfate	ND		U	0.00184	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Endrin	ND		U	0.00277	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Endrin aldehyde	ND		U	0.00413	0.00550	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Endrin ketone	ND		U	0.00270	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
gamma-BHC (Lindane)	ND		U	0.00235	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
gamma-Chlordane	**0.00932**		D	0.00305	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Heptachlor	ND		U	0.00187	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Heptachlor epoxide	ND		U	0.00101	0.00183	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Methoxychlor	ND		U	0.00265	0.00367	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
Toxaphene	ND		U	0.0729	0.0917	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ
* Chlordane, total	**0.0621**	P	DP	0.0133	0.0183	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:19	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*47.5 %*			*30-150*	*EPA 8081B*	*8/14/26 19:19*
Surrogate: Tetrachloro-m-xylene	*84.5 %*			*30-150*	*EPA 8081B*	*8/14/26 19:19*

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1242	**0.0268**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1254	**0.0375**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1260	**0.0266**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF
* Total PCBs	**0.0908**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 06:55	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*69.0 %*			*30-120*	*EPA 8082A*	*8/15/26 06:55*
Surrogate: Decachlorobiphenyl	*57.5 %*			*30-120*	*EPA 8082A*	*8/15/26 06:55*

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR
Barium	**0.740**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR
Lead	**1.18**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:37	AGNR

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6310**			4.61	4.61	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Arsenic	**3.99**			1.38	1.38	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Barium	**117**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Beryllium	**0.174**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Cadmium	**0.388**			0.277	0.277	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Calcium	**7570**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Chromium	**15.6**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Cobalt	**5.53**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Copper	**51.2**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Iron	**11500**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Lead	**217**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Magnesium	**2900**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Manganese	**193**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Nickel	**23.8**			0.919	0.919	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Potassium	**909**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Silver	ND		U	0.465	0.465	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**132**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Vanadium	**31.6**			0.919	0.919	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR
Zinc	**156**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:13	AGNR

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.592**			0.0105	0.0332	1	mg/kg dry	EPA 7473	8/13/26 14:48	8/14/26 10:20	LCB

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.202	0.554	1	mg/kg dry	EPA 7196A	8/14/26 15:09	8/14/26 18:30	SML
pH	**7.62**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:11	BF
* Temperature	**22.9**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:11	BF
Cyanide, total	ND		U	0.326	0.554	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.3**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-19**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10	**Collection Date/Time:**	8/11/26 12:35

Lab ID:	**26H0577-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-20**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10-G7	**Collection Date/Time:**	8/11/26 12:30

Lab ID:	**26H0577-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1,1-Trichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1,2-Trichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1-Dichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,1-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2,3-Trichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2,3-Trichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2,4-Trichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2,4-Trimethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2-Dibromoethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2-Dichloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,2-Dichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,3,5-Trimethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,3-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,3-Dichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
1,4-Dichlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
2,2-Dichloropropane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
2-Butanone	**0.018**			0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
2-Chlorotoluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
2-Hexanone	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-20**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10-G7	**Collection Date/Time:**	8/11/26 12:30

Lab ID:	**26H0577-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
4-Methyl-2-pentanone	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Acetone	**0.10**	CAL-E		0.0061	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Acrolein	ND	ICVE	U	0.0061	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Acrylonitrile	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Benzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Bromobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Bromochloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Bromodichloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Bromoform	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Bromomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Carbon disulfide	**0.0034**	J	J	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Carbon tetrachloride	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Chlorobenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Chloroethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Chloroform	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Chloromethane	ND	CCVE	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
cis-1,2-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
cis-1,3-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Cyclohexane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Dibromochloromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Dibromomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* Ethanol	ND		U	0.049	0.097	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Ethyl Benzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* Iodomethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Isopropylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Methyl acetate	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Methyl Methacrylate	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Methylcyclohexane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Methylene chloride	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Naphthalene	ND		U	0.0030	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
n-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
n-Propylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
o-Xylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
p- & m- Xylenes	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* p-Diethylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* p-Ethyltoluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
p-Isopropyltoluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
sec-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Styrene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-20**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-10-G7	**Collection Date/Time:**	8/11/26 12:30

Lab ID:	**26H0577-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.049	0.097	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.030	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
tert-Butylbenzene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Tetrachloroethylene	ND	QL-02	U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* Tetrahydrofuran	ND		U	0.0061	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Toluene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
trans-1,2-Dichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
trans-1,3-Dichloropropylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Trichloroethylene	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Trichlorofluoromethane	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Vinyl acetate	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Vinyl Chloride	ND		U	0.0030	0.0061	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS
Xylenes, Total	ND		U	0.0091	0.018	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:00	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*113 %*			*77-125*	*EPA 8260D*	*8/15/26 17:00*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 17:00*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 17:00*

Lab ID:	**26H0577-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.7**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:47	8/13/26 13:20	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0398	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0326	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
1,2,4-Trichlorobenzene	ND		U	0.0353	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
1,2-Dichlorobenzene	ND		U	0.0304	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0306	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
1,3-Dichlorobenzene	ND		U	0.0356	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
1,4-Dichlorobenzene	ND		U	0.0293	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0460	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,4,5-Trichlorophenol	ND		U	0.0456	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,4,6-Trichlorophenol	ND		U	0.0295	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,4-Dichlorophenol	ND		U	0.0336	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,4-Dimethylphenol	ND		U	0.0417	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,4-Dinitrophenol	ND		U	0.0375	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,4-Dinitrotoluene	ND		U	0.0365	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2,6-Dinitrotoluene	ND		U	0.0400	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2-Chloronaphthalene	ND		U	0.0320	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2-Chlorophenol	ND		U	0.0287	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2-Methylnaphthalene	ND		U	0.0294	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2-Methylphenol	ND		U	0.0306	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2-Nitroaniline	ND		U	0.0271	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
2-Nitrophenol	ND		U	0.0428	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
* 3- & 4-Methylphenols	ND		U	0.0301	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
3,3-Dichlorobenzidine	ND		U	0.0295	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
3-Nitroaniline	ND		U	0.0365	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0502	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4-Bromophenyl phenyl ether	ND		U	0.0397	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4-Chloro-3-methylphenol	ND		U	0.0318	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4-Chloroaniline	ND		U	0.0302	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4-Chlorophenyl phenyl ether	ND		U	0.0399	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4-Nitroaniline	ND		U	0.0344	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
4-Nitrophenol	ND		U	0.0567	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Acenaphthene	**0.0392**	J	J	0.0356	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Acenaphthylene	**0.0346**	J	J	0.0307	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Acetophenone	ND		U	0.0294	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Aniline	ND		U	0.0418	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Anthracene	**0.108**			0.0321	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Atrazine	ND		U	0.0343	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzaldehyde	ND		U	0.0349	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzidine	ND		U	0.0116	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzo(a)anthracene	**0.420**			0.0314	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzo(a)pyrene	**0.386**			0.0355	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzo(b)fluoranthene	**0.353**			0.0361	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzo(g,h,i)perylene	**0.249**			0.0344	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzo(k)fluoranthene	**0.320**			0.0355	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0404	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzyl alcohol	ND		U	0.0298	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Benzyl butyl phthalate	**0.0523**	J	J	0.0419	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Bis(2-chloroethoxy)methane	ND		U	0.0299	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Bis(2-chloroethyl)ether	ND		U	0.0223	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0426	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0415	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Caprolactam	ND		U	0.0468	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Carbazole	**0.0377**	J	J	0.0320	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Chrysene	**0.415**			0.0309	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Dibenzo(a,h)anthracene	**0.0869**	J	J	0.0288	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Dibenzofuran	ND		U	0.0318	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Diethyl phthalate	ND		U	0.0366	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Dimethyl phthalate	ND		U	0.0329	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Di-n-butyl phthalate	ND		U	0.0404	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Di-n-octyl phthalate	ND		U	0.0308	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Fluoranthene	**0.744**			0.0309	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Fluorene	ND		U	0.0363	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Hexachlorobenzene	ND		U	0.0389	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Hexachlorobutadiene	ND		U	0.0322	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Hexachlorocyclopentadiene	ND		U	0.0483	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Hexachloroethane	ND		U	0.0373	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Indeno(1,2,3-cd)pyrene	**0.267**			0.0372	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Isophorone	ND		U	0.0322	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Naphthalene	ND		U	0.0336	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Nitrobenzene	ND		U	0.0325	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
N-Nitrosodimethylamine	ND		U	0.0419	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
N-nitroso-di-n-propylamine	ND		U	0.0314	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
N-Nitrosodiphenylamine	ND		U	0.0387	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Pentachlorophenol	ND		U	0.0428	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Phenanthrene	**0.341**			0.0309	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Phenol	ND		U	0.0406	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR
Pyrene	**0.753**			0.0303	0.0960	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:10	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*101 %*			*22-108*	*EPA 8270E*	*8/19/26 10:10*
Surrogate: SURR: 2-Fluorobiphenyl	*77.1 %*			*21-113*	*EPA 8270E*	*8/19/26 10:10*
Surrogate: SURR: 2,4,6-Tribromophenol	*69.1 %*			*19-110*	*EPA 8270E*	*8/19/26 10:10*
Surrogate: SURR: Terphenyl-d14	*79.0 %*			*24-116*	*EPA 8270E*	*8/19/26 10:10*

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0150**		D	0.00365	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
4,4'-DDE	**0.00668**		D	0.00155	0.00193	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
4,4'-DDT	**0.00626**	P	DP	0.00307	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Aldrin	ND		U	0.00122	0.00193	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
alpha-BHC	ND		U	0.00530	0.00578	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
alpha-Chlordane [2C]	ND		U	0.00232	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
beta-BHC	ND		U	0.00608	0.00868	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
delta-BHC	ND		U	0.00538	0.00578	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Dieldrin	ND		U	0.00283	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Endosulfan I	ND		U	0.00144	0.00193	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Endosulfan II	ND		U	0.00234	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Endosulfan sulfate	ND		U	0.00193	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Endrin	ND		U	0.00291	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Endrin aldehyde	ND		U	0.00434	0.00578	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Endrin ketone	ND		U	0.00284	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
gamma-BHC (Lindane)	ND		U	0.00247	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
gamma-Chlordane	**0.00408**		D	0.00320	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Heptachlor	ND		U	0.00197	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Heptachlor epoxide	**0.00221**		D	0.00106	0.00193	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Methoxychlor	ND		U	0.00278	0.00386	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
Toxaphene	ND		U	0.0767	0.0964	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ
* Chlordane, total	**0.0406**		D	0.0140	0.0193	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:35	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*58.4 %*			*30-150*	*EPA 8081B*	*8/14/26 19:35*
Surrogate: Tetrachloro-m-xylene	*77.9 %*			*30-150*	*EPA 8081B*	*8/14/26 19:35*

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1221	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1232	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1242	**0.0298**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1248	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1254	**0.0345**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1260	**0.0257**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1262	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
Aroclor 1268	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF
* Total PCBs	**0.0900**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:09	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.0 %*			*30-120*	*EPA 8082A*	*8/15/26 07:09*
Surrogate: Decachlorobiphenyl	*67.5 %*			*30-120*	*EPA 8082A*	*8/15/26 07:09*

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR
Barium	**0.708**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR
Lead	**0.860**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/14/26 14:43	8/17/26 15:38	AGNR

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6780**			4.93	4.93	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Antimony	ND		U	2.47	2.47	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Arsenic	**6.53**			1.48	1.48	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Barium	**270**			2.46	2.46	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Beryllium	**0.198**			0.050	0.050	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Cadmium	**0.987**			0.296	0.296	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Calcium	**5430**			4.93	4.93	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Chromium	**20.2**			0.494	0.494	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Cobalt	**5.41**			0.394	0.394	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Copper	**90.1**			1.97	1.97	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Iron	**15400**			24.7	24.7	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Lead	**360**			0.494	0.494	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Magnesium	**2270**			4.94	4.94	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Manganese	**157**			0.494	0.494	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Nickel	**25.1**			0.983	0.983	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Potassium	**883**			4.94	4.94	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Selenium	ND		U	2.47	2.47	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Silver	**0.997**			0.497	0.497	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**155**			49.3	49.3	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Thallium	ND		U	1.18	1.98	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Vanadium	**24.9**			0.983	0.983	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR
Zinc	**318**			2.46	2.46	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:15	AGNR

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.610**			0.0111	0.0349	1	mg/kg dry	EPA 7473	8/13/26 14:48	8/14/26 10:21	LCB

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.212	0.582	1	mg/kg dry	EPA 7196A	8/14/26 15:09	8/14/26 18:30	SML
pH	**7.62**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:12	BF
* Temperature	**22.1**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:12	BF
Cyanide, total	ND		U	0.342	0.582	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.9**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-21**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11	**Collection Date/Time:**	8/11/26 12:45

Lab ID:	**26H0577-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-22**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11-G8	**Collection Date/Time:**	8/11/26 12:40

Lab ID:	**26H0577-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1,1-Trichloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1,2-Trichloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1-Dichloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1-Dichloroethylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,1-Dichloropropylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2,3-Trichlorobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2,3-Trichloropropane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2,4-Trichlorobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2,4-Trimethylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2-Dibromoethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2-Dichlorobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2-Dichloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,2-Dichloropropane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,3,5-Trimethylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,3-Dichlorobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,3-Dichloropropane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
1,4-Dichlorobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
2,2-Dichloropropane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
2-Butanone	**0.019**			0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
2-Chloroethylvinyl ether	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
2-Chlorotoluene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
2-Hexanone	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-22**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11-G8	**Collection Date/Time:**	8/11/26 12:40

Lab ID:	**26H0577-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
4-Methyl-2-pentanone	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Acetone	**0.13**	CAL-E		0.0069	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Acrolein	ND	ICVE	U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Acrylonitrile	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Benzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Bromobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Bromochloromethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Bromodichloromethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Bromoform	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Bromomethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Carbon disulfide	**0.0045**	J	J	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Carbon tetrachloride	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Chlorobenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Chloroethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Chloroform	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Chloromethane	ND	CCVE	U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
cis-1,2-Dichloroethylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
cis-1,3-Dichloropropylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Cyclohexane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Dibromochloromethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Dibromomethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* Ethanol	ND		U	0.056	0.11	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Ethyl Benzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* Iodomethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Isopropylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Methyl acetate	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Methyl Methacrylate	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Methylcyclohexane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Methylene chloride	ND		U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Naphthalene	ND		U	0.0035	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
n-Butylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
n-Propylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
o-Xylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
p- & m- Xylenes	ND		U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* p-Diethylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* p-Ethyltoluene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
p-Isopropyltoluene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
sec-Butylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Styrene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-22**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-11-G8	**Collection Date/Time:**	8/11/26 12:40

Lab ID:	**26H0577-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.056	0.11	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.035	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
tert-Butylbenzene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Tetrachloroethylene	ND	QL-02	U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* Tetrahydrofuran	ND		U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Toluene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
trans-1,2-Dichloroethylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
trans-1,3-Dichloropropylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Trichloroethylene	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Trichlorofluoromethane	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Vinyl acetate	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Vinyl Chloride	ND		U	0.0035	0.0069	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS
Xylenes, Total	ND		U	0.010	0.021	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:27	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/15/26 17:27*
Surrogate: SURR: Toluene-d8	*107 %*			*85-120*	*EPA 8260D*	*8/15/26 17:27*
Surrogate: SURR: p-Bromofluorobenzene	*116 %*			*76-130*	*EPA 8260D*	*8/15/26 17:27*

Lab ID:	**26H0577-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.6**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	**0.0598**	J	J	0.0397	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0325	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
1,2,4-Trichlorobenzene	ND		U	0.0353	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
1,2-Dichlorobenzene	ND		U	0.0304	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0306	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
1,3-Dichlorobenzene	ND		U	0.0355	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
1,4-Dichlorobenzene	ND		U	0.0292	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0459	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,4,5-Trichlorophenol	ND		U	0.0455	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,4,6-Trichlorophenol	ND		U	0.0294	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,4-Dichlorophenol	ND		U	0.0335	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,4-Dimethylphenol	ND		U	0.0416	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,4-Dinitrophenol	ND		U	0.0374	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,4-Dinitrotoluene	ND		U	0.0364	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2,6-Dinitrotoluene	ND		U	0.0399	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2-Chloronaphthalene	ND		U	0.0319	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2-Chlorophenol	ND		U	0.0286	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2-Methylnaphthalene	**0.279**			0.0294	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2-Methylphenol	ND		U	0.0305	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2-Nitroaniline	ND		U	0.0271	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
2-Nitrophenol	ND		U	0.0428	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
* 3- & 4-Methylphenols	ND		U	0.0300	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
3,3-Dichlorobenzidine	ND		U	0.0294	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
3-Nitroaniline	ND		U	0.0364	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0501	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4-Bromophenyl phenyl ether	ND		U	0.0396	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4-Chloro-3-methylphenol	ND		U	0.0318	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4-Chloroaniline	ND		U	0.0301	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4-Chlorophenyl phenyl ether	ND		U	0.0398	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4-Nitroaniline	ND		U	0.0344	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
4-Nitrophenol	ND		U	0.0566	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Acenaphthene	**0.598**			0.0355	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Acenaphthylene	**0.143**			0.0306	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Acetophenone	ND		U	0.0294	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Aniline	ND		U	0.0417	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Anthracene	**1.24**			0.0320	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Atrazine	ND		U	0.0343	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzaldehyde	ND		U	0.0349	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzidine	ND		U	0.0116	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzo(a)anthracene	**2.42**		D	0.313	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR
Benzo(a)pyrene	**1.25**			0.0354	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzo(b)fluoranthene	**1.53**		D	0.360	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR
Benzo(g,h,i)perylene	**1.06**			0.0343	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzo(k)fluoranthene	**1.51**		D	0.354	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0403	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzyl alcohol	ND		U	0.0297	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Benzyl butyl phthalate	ND		U	0.0418	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Bis(2-chloroethoxy)methane	ND		U	0.0299	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Bis(2-chloroethyl)ether	ND		U	0.0223	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0425	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Bis(2-ethylhexyl)phthalate	**0.127**			0.0414	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Caprolactam	ND		U	0.0467	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Carbazole	**0.385**			0.0319	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Chrysene	**2.25**		D	0.308	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR
Dibenzo(a,h)anthracene	**0.422**			0.0288	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Dibenzofuran	**0.309**			0.0317	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Diethyl phthalate	ND		U	0.0365	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Dimethyl phthalate	ND		U	0.0328	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Di-n-butyl phthalate	**0.158**			0.0403	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Di-n-octyl phthalate	ND		U	0.0307	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Fluoranthene	**4.07**		D	0.308	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR
Fluorene	**0.568**			0.0363	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Hexachlorobenzene	ND		U	0.0389	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Hexachlorobutadiene	ND		U	0.0321	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Hexachlorocyclopentadiene	ND		U	0.0482	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Hexachloroethane	ND		U	0.0372	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Indeno(1,2,3-cd)pyrene	**1.27**			0.0372	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Isophorone	ND		U	0.0321	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Naphthalene	**0.514**			0.0335	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Nitrobenzene	ND		U	0.0324	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
N-Nitrosodimethylamine	ND		U	0.0418	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
N-nitroso-di-n-propylamine	ND		U	0.0313	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
N-Nitrosodiphenylamine	ND		U	0.0386	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Pentachlorophenol	ND		U	0.0427	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Phenanthrene	**3.73**		D	0.308	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR
Phenol	ND		U	0.0405	0.0958	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 10:40	SR
Pyrene	**4.86**		D	0.302	0.958	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:08	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*86.6 %*			*20-108*	*EPA 8270E*	*8/20/26 17:08*
Surrogate: SURR: Phenol-d6	*77.8 %*			*23-114*	*EPA 8270E*	*8/20/26 17:08*
Surrogate: SURR: Nitrobenzene-d5	*92.9 %*			*22-108*	*EPA 8270E*	*8/19/26 10:40*
Surrogate: SURR: 2-Fluorobiphenyl	*70.7 %*			*21-113*	*EPA 8270E*	*8/19/26 10:40*
Surrogate: SURR: 2,4,6-Tribromophenol	*66.4 %*			*19-110*	*EPA 8270E*	*8/19/26 10:40*
Surrogate: SURR: Terphenyl-d14	*77.8 %*			*24-116*	*EPA 8270E*	*8/19/26 10:40*

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0236**		D	0.00368	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
4,4'-DDE	**0.00612**		D	0.00156	0.00194	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
4,4'-DDT	**0.00456**	P	DP	0.00309	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Aldrin	ND		U	0.00123	0.00194	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
alpha-BHC	ND		U	0.00534	0.00583	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
alpha-Chlordane	**0.00651**		D	0.00234	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
beta-BHC	ND		U	0.00613	0.00874	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
delta-BHC	ND		U	0.00542	0.00583	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Dieldrin	ND		U	0.00285	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Endosulfan I	ND		U	0.00146	0.00194	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Endosulfan II	ND		U	0.00236	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Endosulfan sulfate	ND		U	0.00195	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Endrin	ND		U	0.00293	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Endrin aldehyde	ND		U	0.00437	0.00583	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Endrin ketone	ND		U	0.00286	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
gamma-BHC (Lindane)	ND		U	0.00249	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
gamma-Chlordane	**0.00816**		D	0.00323	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Heptachlor	ND		U	0.00198	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Heptachlor epoxide	**0.00269**		D	0.00107	0.00194	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Methoxychlor	ND		U	0.00281	0.00389	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
Toxaphene	ND		U	0.0773	0.0972	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ
* Chlordane, total	**0.0438**	P	DP	0.0141	0.0194	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 19:52	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*49.8 %*			*30-150*	*EPA 8081B*	*8/14/26 19:52*
Surrogate: Tetrachloro-m-xylene	*78.0 %*			*30-150*	*EPA 8081B*	*8/14/26 19:52*

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1221	ND		U	0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1232	ND		U	0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1242	**0.0299**			0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1248	ND		U	0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1254	**0.0401**			0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1260	**0.0301**			0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1262	ND		U	0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
Aroclor 1268	ND		U	0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF
* Total PCBs	**0.100**			0.0194	0.0194	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:23	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*65.5 %*			*30-120*	*EPA 8082A*	*8/15/26 07:23*
Surrogate: Decachlorobiphenyl	*64.0 %*			*30-120*	*EPA 8082A*	*8/15/26 07:23*

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR
Barium	**0.815**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR
Lead	**1.04**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:03	AGNR

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6590**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Antimony	ND		U	2.37	2.37	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Arsenic	**6.90**			1.42	1.42	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Barium	**258**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Beryllium	**0.228**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Cadmium	**1.23**			0.284	0.284	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Calcium	**8950**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Chromium	**20.3**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Cobalt	**6.51**			0.378	0.378	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Copper	**88.9**			1.89	1.89	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Iron	**17200**			23.7	23.7	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Lead	**362**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Magnesium	**2720**			4.74	4.74	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Manganese	**193**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Nickel	**28.2**			0.943	0.943	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Potassium	**860**			4.74	4.74	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Selenium	ND		U	2.37	2.37	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Silver	**0.861**			0.477	0.477	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**144**			47.3	47.3	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Thallium	ND		U	1.14	1.90	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Vanadium	**22.7**			0.943	0.943	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR
Zinc	**323**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:16	AGNR

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.817**			0.0111	0.0352	1	mg/kg dry	EPA 7473	8/13/26 14:48	8/14/26 10:21	LCB

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.214	0.587	1	mg/kg dry	EPA 7196A	8/14/26 15:09	8/14/26 18:30	SML
pH	**7.68**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:13	BF
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:13	BF
Cyanide, total	ND		U	0.345	0.587	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.2**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/13/26 11:40	8/13/26 17:56	JMT

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-23**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12	**Collection Date/Time:**	8/11/26 12:55

Lab ID:	**26H0577-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-24**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12-G7	**Collection Date/Time:**	8/11/26 12:50

Lab ID:	**26H0577-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,3-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
2-Butanone	**0.017**			0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.023	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
2-Chlorotoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
2-Hexanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-24**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12-G7	**Collection Date/Time:**	8/11/26 12:50

Lab ID:	**26H0577-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Acetone	**0.090**	CAL-E		0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Acrolein	ND	ICVE	U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Acrylonitrile	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Bromobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Bromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Bromodichloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Bromoform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Bromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Carbon disulfide	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Carbon tetrachloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Chlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Chloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Chloroform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Cyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Dibromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Dibromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0045	0.0090	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* Ethanol	ND		U	0.045	0.090	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Ethyl Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0045	0.0090	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* Iodomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Isopropylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Methyl acetate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Methyl Methacrylate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Methylcyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Methylene chloride	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Naphthalene	ND		U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
n-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
n-Propylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
o-Xylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
p- & m- Xylenes	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* p-Diethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
sec-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Styrene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-24**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-12-G7	**Collection Date/Time:**	8/11/26 12:50

Lab ID:	**26H0577-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	CCVE, QL-02	U	0.045	0.090	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0045	0.0090	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
tert-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Tetrachloroethylene	ND	QL-02	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* Tetrahydrofuran	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Toluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Trichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Vinyl acetate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Vinyl Chloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS
Xylenes, Total	ND		U	0.0085	0.017	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 17:54	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/15/26 17:54*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 17:54*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 17:54*

Lab ID:	**26H0577-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.9**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0389	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0319	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
1,2,4-Trichlorobenzene	ND		U	0.0346	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
1,2-Dichlorobenzene	ND		U	0.0298	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0300	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
1,3-Dichlorobenzene	ND		U	0.0348	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
1,4-Dichlorobenzene	ND		U	0.0286	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0450	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,4,5-Trichlorophenol	ND		U	0.0446	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,4,6-Trichlorophenol	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,4-Dichlorophenol	ND		U	0.0328	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,4-Dimethylphenol	ND		U	0.0408	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,4-Dinitrophenol	ND		U	0.0367	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,4-Dinitrotoluene	ND		U	0.0357	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2,6-Dinitrotoluene	ND		U	0.0391	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2-Chloronaphthalene	ND		U	0.0313	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2-Chlorophenol	ND		U	0.0280	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2-Methylnaphthalene	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2-Methylphenol	ND		U	0.0299	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2-Nitroaniline	ND		U	0.0265	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
2-Nitrophenol	ND		U	0.0419	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
* 3- & 4-Methylphenols	ND		U	0.0294	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
3,3-Dichlorobenzidine	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
3-Nitroaniline	ND		U	0.0357	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0491	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4-Bromophenyl phenyl ether	ND		U	0.0388	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4-Chloro-3-methylphenol	ND		U	0.0311	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4-Chloroaniline	ND		U	0.0295	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4-Chlorophenyl phenyl ether	ND		U	0.0391	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4-Nitroaniline	ND		U	0.0337	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
4-Nitrophenol	ND		U	0.0555	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Acenaphthene	**0.162**			0.0348	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Acenaphthylene	**0.177**			0.0300	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Acetophenone	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Aniline	ND		U	0.0409	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Anthracene	**0.616**			0.0314	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Atrazine	ND		U	0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Benzaldehyde	ND		U	0.0342	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Benzidine	ND		U	0.0114	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Benzo(a)anthracene	**2.24**		D	0.307	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR
Benzo(a)pyrene	**1.74**		D	0.347	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR
Benzo(b)fluoranthene	**1.57**		D	0.353	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR
Benzo(g,h,i)perylene	**1.07**			0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Benzo(k)fluoranthene	**1.42**		D	0.347	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0395	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Benzyl alcohol	ND		U	0.0292	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Benzyl butyl phthalate	ND		U	0.0410	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Bis(2-chloroethoxy)methane	ND		U	0.0293	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Bis(2-chloroethyl)ether	ND		U	0.0218	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0417	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Bis(2-ethylhexyl)phthalate	**0.0756**	J	J	0.0406	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Caprolactam	ND		U	0.0458	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Carbazole	**0.139**			0.0313	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Chrysene	**2.05**		D	0.302	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR
Dibenzo(a,h)anthracene	**0.455**			0.0282	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Dibenzofuran	**0.0556**	J	J	0.0311	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Diethyl phthalate	ND		U	0.0358	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Dimethyl phthalate	ND		U	0.0321	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Di-n-butyl phthalate	ND		U	0.0395	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Di-n-octyl phthalate	ND		U	0.0301	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Fluoranthene	**3.35**		D	0.302	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR
Fluorene	**0.127**			0.0355	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Hexachlorobenzene	ND		U	0.0381	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Hexachlorobutadiene	ND		U	0.0315	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Hexachlorocyclopentadiene	ND		U	0.0473	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Hexachloroethane	ND		U	0.0364	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Indeno(1,2,3-cd)pyrene	**1.31**			0.0364	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Isophorone	ND		U	0.0315	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Naphthalene	ND		U	0.0328	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Nitrobenzene	ND		U	0.0317	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
N-Nitrosodimethylamine	ND		U	0.0409	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
N-nitroso-di-n-propylamine	ND		U	0.0307	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
N-Nitrosodiphenylamine	ND		U	0.0379	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Pentachlorophenol	ND		U	0.0419	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Phenanthrene	**1.50**		D	0.302	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR
Phenol	ND		U	0.0397	0.0939	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:09	SR
Pyrene	**3.81**		D	0.296	0.939	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 17:38	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*97.0 %*			*20-108*	*EPA 8270E*	*8/20/26 17:38*
Surrogate: SURR: Phenol-d6	*87.4 %*			*23-114*	*EPA 8270E*	*8/20/26 17:38*
Surrogate: SURR: Nitrobenzene-d5	*115 %*			*22-108*	*EPA 8270E*	*8/19/26 11:09*
Surrogate: SURR: 2-Fluorobiphenyl	*81.0 %*			*21-113*	*EPA 8270E*	*8/19/26 11:09*
Surrogate: SURR: 2,4,6-Tribromophenol	*63.4 %*			*19-110*	*EPA 8270E*	*8/20/26 17:38*
Surrogate: SURR: Terphenyl-d14	*90.4 %*			*24-116*	*EPA 8270E*	*8/19/26 11:09*

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00361	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
4,4'-DDE	**0.00667**		D	0.00153	0.00190	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
4,4'-DDT	**0.00596**	P	DP	0.00303	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Aldrin	ND		U	0.00120	0.00190	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
alpha-BHC	ND		U	0.00523	0.00571	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
alpha-Chlordane	**0.00955**		D	0.00229	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
beta-BHC	ND		U	0.00600	0.00857	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
delta-BHC	ND		U	0.00531	0.00571	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Dieldrin	ND		U	0.00279	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Endosulfan I	ND		U	0.00143	0.00190	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Endosulfan II	ND		U	0.00231	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Endosulfan sulfate	ND		U	0.00191	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Endrin	ND		U	0.00288	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Endrin aldehyde	ND		U	0.00429	0.00571	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Endrin ketone	ND		U	0.00281	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
gamma-BHC (Lindane)	ND		U	0.00244	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
gamma-Chlordane	**0.0110**		D	0.00316	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Heptachlor	ND		U	0.00194	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Heptachlor epoxide	ND		U	0.00105	0.00190	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Methoxychlor	ND		U	0.00275	0.00381	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
Toxaphene	ND		U	0.0758	0.0952	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ
* Chlordane, total	ND		U	0.0138	0.0190	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:22	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*44.5 %*			*30-150*	*EPA 8081B*	*8/14/26 13:22*
Surrogate: Tetrachloro-m-xylene	*79.1 %*			*30-150*	*EPA 8081B*	*8/14/26 13:22*

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1221	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1232	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1242	**0.0311**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1248	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1254	**0.0453**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1260	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1262	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
Aroclor 1268	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF
* Total PCBs	**0.0764**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:36	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.0 %*			*30-120*	*EPA 8082A*	*8/15/26 07:36*
Surrogate: Decachlorobiphenyl	*53.0 %*			*30-120*	*EPA 8082A*	*8/15/26 07:36*

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR
Barium	**0.700**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR
Lead	**0.588**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:05	AGNR

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7230**			4.79	4.79	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Antimony	ND	M-CCV1	U	2.40	2.40	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Arsenic	**5.49**			1.44	1.44	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Barium	**139**			2.39	2.39	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Beryllium	**0.198**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Cadmium	**0.345**			0.288	0.288	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Calcium	**13700**			4.79	4.79	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Chromium	**16.9**			0.480	0.480	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Cobalt	**5.31**			0.383	0.383	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Copper	**33.5**			1.92	1.92	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Iron	**12200**			24.0	24.0	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Lead	**213**			0.480	0.480	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Magnesium	**2870**			4.80	4.80	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Manganese	**199**			0.480	0.480	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Nickel	**22.8**			0.955	0.955	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Potassium	**1040**			4.80	4.80	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Selenium	ND		U	2.40	2.40	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Silver	ND		U	0.483	0.483	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**186**			47.9	47.9	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Thallium	ND		U	1.15	1.92	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Vanadium	**20.9**			0.955	0.955	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR
Zinc	**167**			2.39	2.39	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:27	AGNR

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.564**			0.0109	0.0345	1	mg/kg dry	EPA 7473	8/13/26 14:48	8/14/26 10:21	LCB

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.210	0.575	1	mg/kg dry	EPA 7196A	8/17/26 10:56	8/17/26 19:03	JMT
pH	**7.62**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:14	BF
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:14	BF
Cyanide, total	ND		U	0.338	0.575	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.9**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-25**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13	**Collection Date/Time:**	8/11/26 13:30

Lab ID:	**26H0577-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-26**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13-G4	**Collection Date/Time:**	8/11/26 13:25

Lab ID:	**26H0577-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,3-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
2-Butanone	**0.0082**			0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
2-Chlorotoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
2-Hexanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-26**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13-G4	**Collection Date/Time:**	8/11/26 13:25

Lab ID:	**26H0577-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Acetone	**0.052**	CAL-E		0.0055	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Acrolein	ND	ICVE	U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Acrylonitrile	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Bromobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Bromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Bromodichloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Bromoform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Bromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Carbon disulfide	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Carbon tetrachloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Chlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Chloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Chloroform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Cyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Dibromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Dibromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* Ethanol	ND		U	0.044	0.089	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Ethyl Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* Iodomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Isopropylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Methyl acetate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Methyl Methacrylate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Methylcyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Methylene chloride	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Naphthalene	ND		U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
n-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
n-Propylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
o-Xylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
p- & m- Xylenes	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* p-Diethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
sec-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Styrene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-26**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-13-G4	**Collection Date/Time:**	8/11/26 13:25

Lab ID:	**26H0577-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.044	0.089	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
tert-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Tetrachloroethylene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* Tetrahydrofuran	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Toluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Trichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Vinyl acetate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Vinyl Chloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS
Xylenes, Total	ND		U	0.0083	0.017	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:21	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/15/26 18:21*
Surrogate: SURR: Toluene-d8	*103 %*			*85-120*	*EPA 8260D*	*8/15/26 18:21*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 18:21*

Lab ID:	**26H0577-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.7**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0423	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0346	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
1,2,4-Trichlorobenzene	ND		U	0.0375	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
1,2-Dichlorobenzene	ND		U	0.0323	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0325	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
1,3-Dichlorobenzene	ND		U	0.0377	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
1,4-Dichlorobenzene	ND		U	0.0311	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0489	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,4,5-Trichlorophenol	ND		U	0.0485	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,4,6-Trichlorophenol	ND		U	0.0313	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,4-Dichlorophenol	ND		U	0.0356	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,4-Dimethylphenol	ND		U	0.0443	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,4-Dinitrophenol	ND		U	0.0398	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,4-Dinitrotoluene	ND		U	0.0387	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2,6-Dinitrotoluene	ND		U	0.0424	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2-Chloronaphthalene	ND		U	0.0339	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2-Chlorophenol	ND		U	0.0304	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2-Methylnaphthalene	ND		U	0.0313	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2-Methylphenol	ND		U	0.0325	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2-Nitroaniline	ND		U	0.0288	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
2-Nitrophenol	ND		U	0.0455	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
* 3- & 4-Methylphenols	ND		U	0.0319	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
3,3-Dichlorobenzidine	ND		U	0.0313	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
3-Nitroaniline	ND		U	0.0387	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0533	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4-Bromophenyl phenyl ether	ND		U	0.0421	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4-Chloro-3-methylphenol	ND		U	0.0338	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4-Chloroaniline	ND		U	0.0321	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4-Chlorophenyl phenyl ether	ND		U	0.0424	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4-Nitroaniline	ND		U	0.0365	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
4-Nitrophenol	ND		U	0.0602	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Acenaphthene	ND		U	0.0378	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Acenaphthylene	ND		U	0.0326	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Acetophenone	ND		U	0.0312	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Aniline	ND		U	0.0444	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Anthracene	**0.0481**	J	J	0.0341	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Atrazine	ND		U	0.0364	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzaldehyde	ND		U	0.0371	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzidine	ND		U	0.0123	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzo(a)anthracene	**0.157**			0.0333	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzo(a)pyrene	**0.134**			0.0376	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzo(b)fluoranthene	**0.0902**	J	J	0.0383	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzo(g,h,i)perylene	**0.0910**	J	J	0.0365	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzo(k)fluoranthene	**0.100**	J	J	0.0377	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0429	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzyl alcohol	ND		U	0.0316	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Benzyl butyl phthalate	ND		U	0.0445	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Bis(2-chloroethoxy)methane	ND		U	0.0318	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Bis(2-chloroethyl)ether	ND		U	0.0237	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0452	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0440	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Caprolactam	ND		U	0.0497	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Carbazole	ND		U	0.0339	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Chrysene	**0.159**			0.0328	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Dibenzo(a,h)anthracene	ND		U	0.0306	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Dibenzofuran	ND		U	0.0337	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Diethyl phthalate	ND		U	0.0388	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Dimethyl phthalate	ND		U	0.0349	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Di-n-butyl phthalate	ND		U	0.0429	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Di-n-octyl phthalate	ND		U	0.0326	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Fluoranthene	**0.270**			0.0328	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Fluorene	ND		U	0.0386	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Hexachlorobenzene	ND		U	0.0413	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Hexachlorobutadiene	ND		U	0.0341	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Hexachlorocyclopentadiene	ND		U	0.0513	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Hexachloroethane	ND		U	0.0396	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Indeno(1,2,3-cd)pyrene	**0.0922**	J	J	0.0395	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Isophorone	ND		U	0.0342	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Naphthalene	ND		U	0.0356	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Nitrobenzene	ND		U	0.0345	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
N-Nitrosodimethylamine	ND		U	0.0444	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
N-nitroso-di-n-propylamine	ND		U	0.0333	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
N-Nitrosodiphenylamine	ND		U	0.0411	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Pentachlorophenol	ND		U	0.0454	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Phenanthrene	**0.168**			0.0328	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Phenol	ND		U	0.0431	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR
Pyrene	**0.308**			0.0322	0.102	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 11:39	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*77.5 %*			*20-108*	*EPA 8270E*	*8/19/26 11:39*
Surrogate: SURR: Phenol-d6	*72.6 %*			*23-114*	*EPA 8270E*	*8/19/26 11:39*
Surrogate: SURR: Nitrobenzene-d5	*76.3 %*			*22-108*	*EPA 8270E*	*8/19/26 11:39*
Surrogate: SURR: 2-Fluorobiphenyl	*56.4 %*			*21-113*	*EPA 8270E*	*8/19/26 11:39*
Surrogate: SURR: 2,4,6-Tribromophenol	*51.2 %*			*19-110*	*EPA 8270E*	*8/19/26 11:39*
Surrogate: SURR: Terphenyl-d14	*62.1 %*			*24-116*	*EPA 8270E*	*8/19/26 11:39*

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00829**		D	0.00393	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
4,4'-DDE	**0.00285**		D	0.00167	0.00207	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
4,4'-DDT	**0.00418**	P	DP	0.00330	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Aldrin	ND		U	0.00131	0.00207	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
alpha-BHC	ND		U	0.00570	0.00622	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
alpha-Chlordane	ND		U	0.00249	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
beta-BHC	ND		U	0.00654	0.00933	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
delta-BHC	ND		U	0.00578	0.00622	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Dieldrin	ND		U	0.00304	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Endosulfan I	ND		U	0.00155	0.00207	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Endosulfan II	ND		U	0.00252	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Endosulfan sulfate	ND		U	0.00208	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Endrin	ND		U	0.00313	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Endrin aldehyde	ND		U	0.00467	0.00622	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Endrin ketone	ND		U	0.00306	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
gamma-BHC (Lindane)	ND		U	0.00266	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
gamma-Chlordane	ND		U	0.00344	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Heptachlor	ND		U	0.00211	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Heptachlor epoxide	ND		U	0.00114	0.00207	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Methoxychlor	ND		U	0.00299	0.00415	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
Toxaphene	ND		U	0.0825	0.104	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ
* Chlordane, total	ND		U	0.0150	0.0207	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 13:38	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*46.4 %*			*30-150*	*EPA 8081B*	*8/14/26 13:38*
Surrogate: Tetrachloro-m-xylene	*78.6 %*			*30-150*	*EPA 8081B*	*8/14/26 13:38*

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1221	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1232	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1242	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1248	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1254	**0.0406**			0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1260	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1262	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
Aroclor 1268	ND		U	0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF
* Total PCBs	**0.0588**			0.0207	0.0207	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 07:50	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.5 %*			*30-120*	*EPA 8082A*	*8/15/26 07:50*
Surrogate: Decachlorobiphenyl	*53.5 %*			*30-120*	*EPA 8082A*	*8/15/26 07:50*

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR
Barium	**0.825**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR
Lead	**1.10**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:06	AGNR

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7390**			5.13	5.13	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Antimony	ND	M-CCV1	U	2.57	2.57	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Arsenic	**6.92**			1.54	1.54	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Barium	**245**			2.56	2.56	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Beryllium	**0.220**			0.052	0.052	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Cadmium	**1.05**			0.308	0.308	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Calcium	**6750**			5.13	5.13	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Chromium	**18.4**			0.514	0.514	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Cobalt	**6.10**			0.410	0.410	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Copper	**59.0**			2.05	2.05	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Iron	**17100**			25.7	25.7	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Lead	**390**			0.514	0.514	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Magnesium	**2910**			5.14	5.14	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Manganese	**249**			0.514	0.514	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Nickel	**21.8**			1.02	1.02	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Potassium	**1020**			5.14	5.14	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Selenium	ND		U	2.57	2.57	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Silver	**0.554**			0.517	0.517	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**237**			51.3	51.3	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Thallium	ND		U	1.23	2.06	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Vanadium	**32.4**			1.02	1.02	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR
Zinc	**348**			2.56	2.56	1	mg/kg dry	EPA 6010D	8/12/26 15:34	8/14/26 12:29	AGNR

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.493**			0.0119	0.0376	1	mg/kg dry	EPA 7473	8/13/26 14:48	8/14/26 10:21	LCB

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.228	0.626	1	mg/kg dry	EPA 7196A	8/17/26 10:56	8/17/26 19:03	JMT
pH	**7.63**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:49	8/15/26 12:18	BF
* Temperature	**22.0**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:49	8/15/26 12:18	BF
Cyanide, total	ND		U	0.368	0.626	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**79.8**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-27**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14	**Collection Date/Time:**	8/11/26 13:40

Lab ID:	**26H0577-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-28**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14-G2	**Collection Date/Time:**	8/11/26 13:35

Lab ID:	**26H0577-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1,1-Trichloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1,2-Trichloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1-Dichloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1-Dichloroethylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,1-Dichloropropylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2,3-Trichlorobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2,3-Trichloropropane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2,4-Trichlorobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2,4-Trimethylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2-Dibromoethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2-Dichlorobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2-Dichloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,2-Dichloropropane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,3,5-Trimethylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,3-Dichlorobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,3-Dichloropropane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
1,4-Dichlorobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
2,2-Dichloropropane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
2-Butanone	**0.021**			0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
2-Chlorotoluene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
2-Hexanone	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-28**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14-G2	**Collection Date/Time:**	8/11/26 13:35

Lab ID:	**26H0577-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
4-Methyl-2-pentanone	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Acetone	**0.10**	CAL-E		0.0059	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Acrolein	ND	ICVE	U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Acrylonitrile	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Benzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Bromobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Bromochloromethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Bromodichloromethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Bromoform	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Bromomethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Carbon disulfide	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Carbon tetrachloride	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Chlorobenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Chloroethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Chloroform	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Chloromethane	ND	CCVE	U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
cis-1,2-Dichloroethylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
cis-1,3-Dichloropropylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Cyclohexane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Dibromochloromethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Dibromomethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0047	0.0094	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* Ethanol	ND		U	0.047	0.094	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Ethyl Benzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0047	0.0094	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* Iodomethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Isopropylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Methyl acetate	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Methyl Methacrylate	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Methylcyclohexane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Methylene chloride	ND		U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Naphthalene	ND		U	0.0030	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
n-Butylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
n-Propylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
o-Xylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
p- & m- Xylenes	ND		U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* p-Diethylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* p-Ethyltoluene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
p-Isopropyltoluene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
sec-Butylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Styrene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-28**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-14-G2	**Collection Date/Time:**	8/11/26 13:35

Lab ID:	**26H0577-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	QL-02, CCVE	U	0.047	0.094	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0047	0.0094	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.030	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
tert-Butylbenzene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Tetrachloroethylene	ND	QL-02	U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* Tetrahydrofuran	ND		U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Toluene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
trans-1,2-Dichloroethylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
trans-1,3-Dichloropropylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Trichloroethylene	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Trichlorofluoromethane	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Vinyl acetate	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Vinyl Chloride	ND		U	0.0030	0.0059	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS
Xylenes, Total	ND		U	0.0089	0.018	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 18:48	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/15/26 18:48*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 18:48*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/15/26 18:48*

Lab ID:	**26H0577-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.4**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0392	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
1,2,4,5-Tetrachlorobenzene	ND		U	0.0321	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
1,2,4-Trichlorobenzene	ND		U	0.0348	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
1,2-Dichlorobenzene	ND		U	0.0300	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0302	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
1,3-Dichlorobenzene	ND		U	0.0350	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
1,4-Dichlorobenzene	ND		U	0.0289	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0453	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,4,5-Trichlorophenol	ND		U	0.0450	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,4,6-Trichlorophenol	ND		U	0.0291	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,4-Dichlorophenol	ND		U	0.0331	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,4-Dimethylphenol	ND		U	0.0411	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,4-Dinitrophenol	ND		U	0.0369	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,4-Dinitrotoluene	ND		U	0.0359	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2,6-Dinitrotoluene	ND		U	0.0394	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2-Chloronaphthalene	ND		U	0.0315	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2-Chlorophenol	ND		U	0.0282	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2-Methylnaphthalene	**0.0424**	J	J	0.0290	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2-Methylphenol	ND		U	0.0301	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2-Nitroaniline	ND		U	0.0267	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
2-Nitrophenol	ND		U	0.0422	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
* 3- & 4-Methylphenols	ND		U	0.0296	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
3,3-Dichlorobenzidine	ND		U	0.0290	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
3-Nitroaniline	ND		U	0.0359	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0495	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4-Bromophenyl phenyl ether	ND		U	0.0391	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4-Chloro-3-methylphenol	ND		U	0.0313	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4-Chloroaniline	ND		U	0.0297	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4-Chlorophenyl phenyl ether	ND		U	0.0393	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4-Nitroaniline	ND		U	0.0339	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
4-Nitrophenol	ND		U	0.0559	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Acenaphthene	**0.122**			0.0351	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Acenaphthylene	**0.0939**	J	J	0.0303	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Acetophenone	ND		U	0.0290	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Aniline	ND		U	0.0412	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Anthracene	**0.361**			0.0316	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Atrazine	ND		U	0.0338	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzaldehyde	ND		U	0.0344	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzidine	ND		U	0.0114	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzo(a)anthracene	**1.19**			0.0309	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzo(a)pyrene	**1.01**			0.0349	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzo(b)fluoranthene	**0.873**			0.0356	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzo(g,h,i)perylene	**0.534**			0.0339	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzo(k)fluoranthene	**0.791**			0.0350	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0398	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzyl alcohol	ND		U	0.0294	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Benzyl butyl phthalate	ND		U	0.0413	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Bis(2-chloroethoxy)methane	ND		U	0.0295	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Bis(2-chloroethyl)ether	ND		U	0.0220	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0420	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Bis(2-ethylhexyl)phthalate	**0.219**			0.0409	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Caprolactam	ND		U	0.0461	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Carbazole	**0.120**			0.0315	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Chrysene	**1.20**			0.0304	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Dibenzo(a,h)anthracene	**0.199**			0.0284	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Dibenzofuran	**0.0534**	J	J	0.0313	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Diethyl phthalate	ND		U	0.0361	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Dimethyl phthalate	ND		U	0.0324	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Di-n-butyl phthalate	**0.0666**	J	J	0.0398	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Di-n-octyl phthalate	ND		U	0.0303	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Fluoranthene	**1.62**		D	0.305	0.946	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 18:07	SR
Fluorene	**0.103**			0.0358	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Hexachlorobenzene	ND		U	0.0384	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Hexachlorobutadiene	ND		U	0.0317	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Hexachlorocyclopentadiene	ND		U	0.0476	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Hexachloroethane	ND		U	0.0367	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Indeno(1,2,3-cd)pyrene	**0.601**			0.0367	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Isophorone	ND		U	0.0317	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Naphthalene	**0.0689**	J	J	0.0331	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Nitrobenzene	ND		U	0.0320	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
N-Nitrosodimethylamine	ND		U	0.0412	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
N-nitroso-di-n-propylamine	ND		U	0.0309	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
N-Nitrosodiphenylamine	ND		U	0.0381	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Pentachlorophenol	ND		U	0.0422	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Phenanthrene	**1.19**			0.0304	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Phenol	ND		U	0.0400	0.0946	1	mg/kg dry	EPA 8270E	8/13/26 9:34	8/19/26 12:08	SR
Pyrene	**2.18**		D	0.298	0.946	10	mg/kg dry	EPA 8270E	8/13/26 9:34	8/20/26 18:07	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*96.4 %*			*20-108*	*EPA 8270E*	*8/20/26 18:07*
Surrogate: SURR: Phenol-d6	*85.4 %*			*23-114*	*EPA 8270E*	*8/20/26 18:07*
Surrogate: SURR: Nitrobenzene-d5	*114 %*			*22-108*	*EPA 8270E*	*8/19/26 12:08*
Surrogate: SURR: 2-Fluorobiphenyl	*86.7 %*			*21-113*	*EPA 8270E*	*8/19/26 12:08*
Surrogate: SURR: 2,4,6-Tribromophenol	*64.4 %*			*19-110*	*EPA 8270E*	*8/20/26 18:07*
Surrogate: SURR: Terphenyl-d14	*91.6 %*			*24-116*	*EPA 8270E*	*8/19/26 12:08*

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0105**		D	0.00363	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
4,4'-DDE	**0.00415**		D	0.00154	0.00192	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
4,4'-DDT	ND		U	0.00306	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Aldrin	ND		U	0.00121	0.00192	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
alpha-BHC	ND		U	0.00527	0.00575	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
alpha-Chlordane	**0.00453**		D	0.00231	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
beta-BHC	ND		U	0.00605	0.00863	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
delta-BHC	ND		U	0.00535	0.00575	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Dieldrin	ND		U	0.00281	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Endosulfan I	ND		U	0.00144	0.00192	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Endosulfan II	ND		U	0.00233	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Endosulfan sulfate	ND		U	0.00192	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Endrin	ND		U	0.00290	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Endrin aldehyde	ND		U	0.00432	0.00575	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Endrin ketone	ND		U	0.00283	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
gamma-BHC (Lindane)	ND		U	0.00246	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
gamma-Chlordane	**0.00509**		D	0.00319	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Heptachlor	ND		U	0.00196	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Heptachlor epoxide	ND		U	0.00105	0.00192	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Methoxychlor	ND		U	0.00277	0.00384	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
Toxaphene	ND		U	0.0763	0.0959	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ
* Chlordane, total	ND		U	0.0139	0.0192	5	mg/kg dry	EPA 8081B	8/13/26 9:30	8/14/26 15:39	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*45.9 %*			*30-150*	*EPA 8081B*	*8/14/26 15:39*
Surrogate: Tetrachloro-m-xylene	*75.6 %*			*30-150*	*EPA 8081B*	*8/14/26 15:39*

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1221	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1232	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1242	**0.0513**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1248	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1254	**0.0465**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1260	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1262	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
Aroclor 1268	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF
* Total PCBs	**0.0977**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/13/26 9:28	8/15/26 08:04	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*64.0 %*			*30-120*	*EPA 8082A*	*8/15/26 08:04*
Surrogate: Decachlorobiphenyl	*46.0 %*			*30-120*	*EPA 8082A*	*8/15/26 08:04*

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR
Barium	**0.790**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR
Lead	**13.8**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:08	AGNR

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6870**			4.83	4.83	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Antimony	ND	M-CCV1	U	2.41	2.41	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Arsenic	**5.42**			1.45	1.45	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Barium	**130**			2.41	2.41	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Beryllium	**2.91**			0.049	0.049	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Cadmium	**0.830**			0.290	0.290	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Calcium	**6750**			4.83	4.83	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Chromium	**17.5**			0.483	0.483	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Cobalt	**5.45**			0.386	0.386	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Copper	**30.4**			1.93	1.93	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Iron	**11300**			24.1	24.1	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Lead	**232**			0.483	0.483	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Magnesium	**2320**			4.83	4.83	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Manganese	**182**			0.483	0.483	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Nickel	**21.4**			0.962	0.962	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Potassium	**1070**			4.83	4.83	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Selenium	ND		U	2.41	2.41	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Silver	ND		U	0.487	0.487	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**145**			48.3	48.3	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Thallium	ND		U	1.16	1.93	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Vanadium	**23.7**			0.962	0.962	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR
Zinc	**193**			2.40	2.40	1	mg/kg dry	EPA 6010D	8/12/26 15:39	8/14/26 12:57	AGNR

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.439**			0.0110	0.0348	1	mg/kg dry	EPA 7473	8/13/26 14:48	8/14/26 10:21	LCB

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.211	0.579	1	mg/kg dry	EPA 7196A	8/17/26 10:56	8/17/26 19:03	JMT
pH	**7.56**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:33	BF
* Temperature	**22.1**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:33	BF
Cyanide, total	ND		U	0.341	0.579	1	mg/kg dry	EPA 9014/9010C	8/13/26 14:40	8/13/26 22:00	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/14/26 14:51	8/14/26 20:00	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/14/26 14:49	8/14/26 20:00	JS

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.3**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-29**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15	**Collection Date/Time:**	8/11/26 13:50

Lab ID:	**26H0577-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/13/26 20:08	8/14/26 14:50	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-30**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15-G1	**Collection Date/Time:**	8/11/26 13:45

Lab ID:	**26H0577-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,3-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
2-Butanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.023	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
2-Chlorotoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
2-Hexanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-30**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15-G1	**Collection Date/Time:**	8/11/26 13:45

Lab ID:	**26H0577-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Acetone	**0.027**	CAL-E		0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Acrolein	ND	ICVE	U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Acrylonitrile	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Bromobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Bromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Bromodichloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Bromoform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Bromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Carbon disulfide	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Carbon tetrachloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Chlorobenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Chloroethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Chloroform	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Cyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Dibromochloromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Dibromomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* Ethanol	ND		U	0.045	0.091	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Ethyl Benzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* Iodomethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Isopropylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Methyl acetate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Methyl Methacrylate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Methylcyclohexane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Methylene chloride	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Naphthalene	ND		U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
n-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
n-Propylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
o-Xylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
p- & m- Xylenes	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* p-Diethylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
sec-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Styrene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0577-30**
Client Project:	Gateway Site Improvement- Flatlands Ave	**Date Received:**	08/12/2026
Client Sample ID:	HD161DPL GSI CS-15-G1	**Collection Date/Time:**	8/11/26 13:45

Lab ID:	**26H0577-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* tert-Amyl alcohol (TAA)	ND	CCVE, QL-02	U	0.045	0.091	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0045	0.0091	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
tert-Butylbenzene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Tetrachloroethylene	ND	QL-02	U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* Tetrahydrofuran	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Toluene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Trichloroethylene	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Vinyl acetate	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Vinyl Chloride	ND		U	0.0028	0.0057	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS
Xylenes, Total	ND		U	0.0085	0.017	1	mg/kg dry	EPA 8260D	8/13/26 7:00	8/15/26 19:15	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*113 %*			*77-125*	*EPA 8260D*	*8/15/26 19:15*
Surrogate: SURR: Toluene-d8	*106 %*			*85-120*	*EPA 8260D*	*8/15/26 19:15*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 19:15*

Lab ID:	**26H0577-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.6**		B	0.100	0.100	1	%	SM 2540G	8/13/26 9:50	8/13/26 14:05	RMA

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1311 in Soil		
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 6010D in Soil		
Aluminum	7429-90-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Antimony	7440-36-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Calcium	7440-70-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cobalt	7440-48-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Iron	7439-89-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Magnesium	7439-95-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Manganese	7439-96-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Potassium	7440-09-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Sodium	7440-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Thallium	7440-28-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Vanadium	7440-62-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 6010D/1311 in Soil		
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 7196A in Soil		
Chromium, Hexavalent	18540-29-9	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
EPA 7473 in Soil		
Mercury	7439-97-6	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0840
EPA 8081B in Soil		
4,4'-DDD	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE [2C]	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDT	50-29-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aldrin	309-00-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-BHC	319-84-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-Chlordane	5103-71-9	NYSDOH-NY10854,NJDEP-CT005
alpha-Chlordane [2C]	5103-71-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8081B in Soil (Continued)		
beta-BHC	319-85-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
delta-BHC	319-86-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Dieldrin	60-57-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan I	959-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan II	33213-65-9	CTDPH-PH-0840,NYSDOH-NY10854
Endosulfan sulfate	1031-07-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin aldehyde	7421-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin ketone	53494-70-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-Chlordane	5566-34-7	NYSDOH-NY10854,NJDEP-CT005
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8081B/1311 in Soil		
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8082A in Soil		
Aroclor 1016	12674-11-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1221	11104-28-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1232	11141-16-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1242	53469-21-9	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1248	12672-29-6	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1254	11097-69-1	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1260	11096-82-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1262	37324-23-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aroclor 1268	11100-14-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8151A/1311 in Soil		
2,4,5-TP (Silvex)	93-72-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
2,4-D	94-75-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8260D in Soil		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloropropylene	563-58-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichloropropane	142-28-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2,2-Dichloropropane	594-20-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chloroethylvinyl ether	110-75-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chlorotoluene	95-49-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Chlorotoluene	106-43-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromobenzene	108-86-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl Methacrylate	80-62-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Naphthalene	91-20-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
trans-1,4-dichloro-2-butene	110-57-6	CTDPH-PH-0840
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl acetate	108-05-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8260D/1311 in Soil		
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8270E in Soil		
1,1-Biphenyl	92-52-4	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4,5-Tetrachlorobenzene	95-94-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4-Trichlorobenzene	120-82-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Dichlorobenzene	95-50-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,3-Dichlorobenzene	541-73-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,3,4,6-Tetrachlorophenol	58-90-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dichlorophenol	120-83-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dimethylphenol	105-67-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrophenol	51-28-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,6-Dinitrotoluene	606-20-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chloronaphthalene	91-58-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chlorophenol	95-57-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylnaphthalene	91-57-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitroaniline	88-74-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitrophenol	88-75-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840
3,3-Dichlorobenzidine	91-94-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3-Nitroaniline	99-09-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4,6-Dinitro-2-methylphenol	534-52-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Bromophenyl phenyl ether	101-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloro-3-methylphenol	59-50-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloroaniline	106-47-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chlorophenyl phenyl ether	7005-72-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitroaniline	100-01-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitrophenol	100-02-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthene	83-32-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthylene	208-96-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acetophenone	98-86-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Aniline	62-53-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Anthracene	120-12-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Atrazine	1912-24-9	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzaldehyde	100-52-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzidine	92-87-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)anthracene	56-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)pyrene	50-32-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(b)fluoranthene	205-99-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(g,h,i)perylene	191-24-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(k)fluoranthene	207-08-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzoic acid	65-85-0	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl alcohol	100-51-6	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl butyl phthalate	85-68-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethoxy)methane	111-91-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethyl)ether	111-44-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroisopropyl)ether	108-60-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-ethylhexyl)phthalate	117-81-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Caprolactam	105-60-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Carbazole	86-74-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Chrysene	218-01-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzo(a,h)anthracene	53-70-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzofuran	132-64-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Diethyl phthalate	84-66-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dimethyl phthalate	131-11-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-butyl phthalate	84-74-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-octyl phthalate	117-84-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluoranthene	206-44-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluorene	86-73-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorocyclopentadiene	77-47-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Indeno(1,2,3-cd)pyrene	193-39-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Isophorone	78-59-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Naphthalene	91-20-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodimethylamine	62-75-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-nitroso-di-n-propylamine	621-64-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodiphenylamine	86-30-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenanthrene	85-01-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenol	108-95-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyrene	129-00-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 8270E/1311 in Soil		
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840,PADEP-68-04440
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyridine	110-86-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 9014/9010C in Soil		
Cyanide, total	57-12-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 9045D in Soil		
pH	pH	NYSDOH-NY10854,CTDPH-PH-0840,PADEP-68-04440
EPA 9095B in Soil		
Paint Filter Test	PF	NYSDOH-NY10854,NJDEP-CT005
SM 2540G in Soil		
% Solids	solids	CTDPH-PH-0840

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2027
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2027
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.
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).
IGN-01	Non-Ignit.
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.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
PF-01	No Free Liquid
PF-02	Free Liquid Present
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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
Z-01	TEMPERATURE RECORDED AT TIME OF PH ANALYSIS

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

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, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 1 of 3

YORK Project No. 26H0577

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services	[redacted]	RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day ✓
Phone :516-546-1100	Phone :516-546-1100	Phone :516-546-1100	YOUR Project Name: [redacted] Gateway Site Improvements - Flatlands Ave	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package; NJDKQP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced NY ASP B; Standard Excel EDD; (Standard) NYSCEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI CS-1	S	8/11/26 8:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-1-G3	S	8:40	VOCs 8260	Terracore
HD161DPL GSI CS-2	S	9:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-2-G3	S	9:10	VOCs 8260	Terracore
HD161DPL GSI CS-3	S	9:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-3-G5	S	9:50	VOCs 8260	Terracore
HD161DPL GSI CS-4	S	10:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-4-G1	S	10:40	VOCs 8260	Terracore
HD161DPL GSI CS-5	S	11:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-5-G2	S	11:20	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Company	Date/Time
[redacted]	8/12/26 9:45	[redacted]	8/12/26 950	[redacted]	8/12/26 DUS
[redacted]	8/12/26 1545	[redacted]	8/12/26 17:30	[redacted]	8/12/26 17:30
[redacted]	8/12/26 19:35			8/12/26 19:35	5.2/5.1 Temp. Received at Lab

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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.

Page 2 of 3

YORK Project No.: [redacted]

YOUR Information	Report To:	Invoice To:
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com

YOUR Project Number: [redacted]

YOUR Project Name: [redacted] Uniburg - Flatlands

YOUR PO#:

Turn-Around Time: RUSH - Next Day; RUSH - Two Day X; 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.

Esther Schlageter

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI CS-6	S	8/11/26 11:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-6-G3	S	11:30	VOCs 8260	Terracore
HD161DPL GSI CS-7	S	11:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-7-G6	S	11:40	VOCs 8260	Terracore
HD161DPL GSI CS-8	S	12:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-8-G5	S	12:00	VOCs 8260	Terracore
HD161DPL GSI CS-9	S	12:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-9-G3	S	12:10	VOCs 8260	Terracore
HD161DPL GSI CS-10	S	12:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-10-G7	S	12:30	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter. **CS-7 to be analyzed additionally for Be, Ni, Cu, and ZN and TCLP BE, Ni, Cu, and ZN, TCLP VOCs, TCLP SVOCs, TCLP Herb, and TCLP Pest.**

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	8/12/26 9:45	[signature]	8/12/26 950	[signature]	8/12/26 1545
[signature]	8/12/26 BS 38	[signature]	8/12/26 17:36	[signature]	8/12/26 17:56
[signature]	8/11/26 19:35			Samples Received in LAB by: [signature]	8/12/26 19:35

Temp. Received at Lab: 5.2 5.16 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 3 of 3

YORK Project No.: 160857

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Estle Schlageter

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKDP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI CS-11	S	8/11/16 12:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-11-G8	S	12:40	VOCs 8260	Terracore
HD161DPL GSI CS-12	S	12:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-12-G7	S	12:50	VOCs 8260	Terracore
HD161DPL GSI CS-13	S	13:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-13-G4	S	13:25	VOCs 8260	Terracore
HD161DPL GSI CS-14	S	13:40	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-14-G2	S	13:35	VOCs 8260	Terracore
HD161DPL GSI CS-15	S	13:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI CS-15-G1	S	13:45	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Janet Jacobs	8/12/16 9:45		8/12/16 930		8/12/16 1545
	8/12/16 1545		8/12/16 1736		8/12/16 17:36
	8/12/16 18:35		GP	Samples Received in LAB by	Temp. Received at Lab
				8/12/16 19:35	5.2/5.16 Degrees C

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	8:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81834

Project ID: 26H0577
Client ID: HD161DPL GSI CS-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	49			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	78			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	9:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81835

Project ID: 26H0577
Client ID: HD161DPL GSI CS-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	93			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	65			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	88			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	9:55
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81836

Project ID: 26H0577
Client ID: HD161DPL GSI CS-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	57			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	85			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	10:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81837

Project ID: 26H0577
Client ID: HD161DPL GSI CS-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	75			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	160	160	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	57			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	83			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	11:25
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81838

Project ID: 26H0577
Client ID: HD161DPL GSI CS-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	26	26	mg/kg	1	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	68			%	1	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	95			%	1	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	11:35
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81839

Project ID: 26H0577
Client ID: HD161DPL GSI CS-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	93			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	55			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	86			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	11:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81840

Project ID: 26H0577
Client ID: HD161DPL GSI CS-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	58			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	89			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	12:05
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81841

Project ID: 26H0577
Client ID: HD161DPL GSI CS-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	46			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	84			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	12:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81842

Project ID: 26H0577
Client ID: HD161DPL GSI CS-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	75			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	230	230	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	44			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	78			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	12:35
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81843

Project ID: 26H0577
Client ID: HD161DPL GSI CS-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	53			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	89			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	12:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81844

Project ID: 26H0577
Client ID: HD161DPL GSI CS-11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	62			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	91			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	12:55
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81845

Project ID: 26H0577
Client ID: HD161DPL GSI CS-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	86			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	53			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	85			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

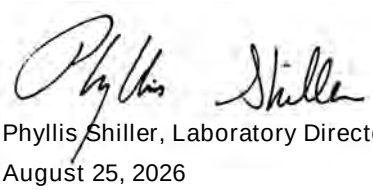
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	13:30
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81846

Project ID: 26H0577
Client ID: HD161DPL GSI CS-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	64			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	93			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	13:40
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81847

Project ID: 26H0577
Client ID: HD161DPL GSI CS-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	71			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	F/S/	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	49	49	mg/kg	1	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	62			%	1	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	97			%	1	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

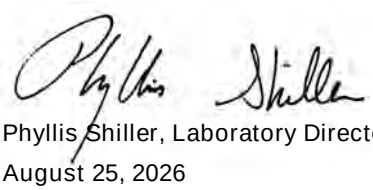
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 25, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/11/26	13:50
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW81834
Phoenix ID: CW81848

Project ID: 26H0577
Client ID: HD161DPL GSI CS-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	75			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	47	47	mg/kg	1	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	99			%	1	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	89			%	1	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

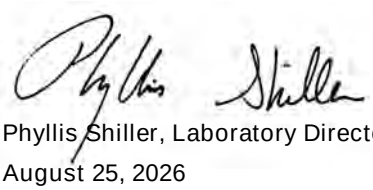
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 25, 2026
Official Report Release To Follow

Sample Criteria Exceedances Report

GCW81834 - YORK

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

2.1 owe IP

8/12/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0577**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

SENDING LABORATORY:

ALS Environmental - Stratford
120 Research Dr
Stratford, CT 06615
Phone: 203.325.1371

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102

Sample ID: HD161DPL GSI CS-1 81834 **ALS Ref: 26H0577-01**

Matrix: Soil **Date Sampled :** 08/11/2026 08:45

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 08:45	Leach needed for Hg
Mercury, TCLP	08/19/2026 19:00	09/08/2026 08:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-2 81835 **ALS Ref: 26H0577-03**

Matrix: Soil **Date Sampled :** 08/11/2026 09:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 09:15	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 09:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH *10% Rush Charge per Sarah Bell

Purchase Order No.: 26H0577
Deliverables required: QA Report
EDDs required: Standard EXCEL

Samples from State of: NY
Collected by: Esther Schonfeld

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By ALS-Stratford Sample Control	Date	Received By	Date
Carolina Fernandez 8/12/2026 7AM		KBarker 8/14/26 7AM	
KBarker 8/14/26	8/04PM		8/14/26 8:10AM

Received By	Date	Received in Subcontract Lab By	Date
8/14/26 1PM Atrium		monica Pellerin	8/14/26 9:00

2.1 ave TP

8/12/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0577

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI CS-3 81836 **ALS Ref: 26H0577-05**
Matrix: Soil **Date Sampled :** 08/11/2026 09:55

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 09:55	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 09:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-4 81837 **ALS Ref: 26H0577-07**
Matrix: Soil **Date Sampled :** 08/11/2026 10:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 10:45	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 10:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-5 81838 **ALS Ref: 26H0577-09**
Matrix: Soil **Date Sampled :** 08/11/2026 11:25

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 11:25	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 11:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH*10% Rush Charge per Sarah Bell

Purchase Order No.: 26H0577
Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required: QA Report
EDDs required: Standard EXCEL
Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Carolina Fernandez 8/12/2026 7am — Released By ALS-Stratford Sample Control — Date
KBahena 8/13/26 7am — Received By — Date
KBahena 8/14/26 8:10AM — Received By — Date
8/14/26 8:10AM — Received in Subcontract Lab By — Date
~~Received~~ By Atrium — Date
Monica Pellem 8/14/26 9:20 — Received in Subcontract Lab By — Date

2.1 ow c IP

8/12/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0577**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI CS-6 81839 **ALS Ref: 26H0577-11**

Matrix: Soil **Date Sampled :** 08/11/2026 11:35

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 11:35	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 11:35	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-7 81840 **ALS Ref: 26H0577-13**

Matrix: Soil **Date Sampled :** 08/11/2026 11:45

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 11:45	Leach needed for Hg
Mercury, TCLP	08/19/2026 19:00	09/08/2026 11:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-8 81841 **ALS Ref: 26H0577-15**

Matrix: Soil **Date Sampled :** 08/11/2026 12:05

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 12:05	Leach needed for Hg
Mercury, TCLP	08/19/2026 19:00	09/08/2026 12:05	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH*10% Rush Charge per Sarah Bell

Purchase Order No.: **26H0577**
Samples from State of: **NY**
Collected by: Esther Schonfeld

Deliverables required: **QA Report**
EDDs required: **Standard EXCEL**
Data Pkg DUE:
Special Info:
Reporting level: **MDL/LOD**

Chain-of-Custody Information

Carolina Fernandez 8/12/2026 7am — K Barkus 8/14/26 7am

Released By ALS-Stratford Sample Control — Date: K Bellenn 8/14/26 — Received By: — Date: 8/14/26 8:10 AM

Received By: Atrium — Date — Received in Subcontract Lab By: Monica Y Pellenn — Date: 8/14/26 9:00

2.1 owe IP

8/12/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0577

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI CS-9 81842 **ALS Ref: 26H0577-17**

Matrix: Soil **Date Sampled :** 08/11/2026 12:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 12:15	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 12:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-10 81843 **ALS Ref: 26H0577-19**

Matrix: Soil **Date Sampled :** 08/11/2026 12:35

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 12:35	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 12:35	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-11 81844 **ALS Ref: 26H0577-21**

Matrix: Soil **Date Sampled :** 08/11/2026 12:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 12:45	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 12:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH*10% Rush Charge per Sarah Bell

Purchase Order No.: 26H0577
Deliverables required: QA Report
EDDs required: Standard EXCEL

Samples from State of: NY
Collected by: Esther Schonfeld

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By ALS-Stratford Sample Control	Date	Received By	Date
Carolina Fernandez	8/12/2026 7am	[illegible] 8/13/26	7am
[illegible] 8/13/26	8:30am	[illegible]	8/14/26 8:10AM
Received By	**Date**	**Received in Subcontract Lab By**	**Date**
Atrium		Monica Perez	8/14/26 9:10

2.1 OWC IP

8/12/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0577**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: **USAEnviro.Stratford@alsglobal.com** **Sample confirmations to:** **NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: **The address below**

Sample ID: HD161DPL GSI CS-12 81845 **ALS Ref: 26H0577-23**

Matrix: Soil **Date Sampled :** 08/11/2026 12:55

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 12:55	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 12:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-13 81846 **ALS Ref: 26H0577-25**

Matrix: Soil **Date Sampled :** 08/11/2026 13:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 13:30	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 13:30	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI CS-14 81847 **ALS Ref: 26H0577-27**

Matrix: Soil **Date Sampled :** 08/11/2026 13:40

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/19/2026 19:00	09/08/2026 13:40	Leach needed for Hg
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 13:40	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH *10% Rush Charge per Sarah Bell

Purchase Order No.: **26H0577**
Samples from State of: **NY**
Collected by: Esther Schonfeld

Deliverables required: **QA Report**
Data Pkg DUE:

EDDs required: **Standard EXCEL**
Special Info:

Reporting level: **MDL/LOD**

Chain-of-Custody Information

Carolina Fernandez	8/12/2026 7am	KBarkus 8/14/26	7am
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBarkus 8/14/26	8:10am	M Mel	8/14/26 8:10am
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pellem	8/14/26 9:20

2.1 OUC 1P

8/12/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0577**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI CS-15 81848 **ALS Ref: 26H0577-29**

Matrix: Soil **Date Sampled :** 08/11/2026 13:50

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/19/2026 19:00	08/25/2026 13:50	Leach needed for Hg
Mercury, TCLP	08/19/2026 19:00	09/08/2026 13:50	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH*10% Rush Charge per Sarah Bell

Purchase Order No.: 26H0577
Deliverables required: QA Report
EDDs required: Standard EXCEL

Samples from State of: NY
Collected by: Esther Schonfeld

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Carolina Fernandez	8/12/2026 7AM	KBarbara 8/13/26	
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBarbara 8/13/26	8/13/26 8:10AM		8/14/26 8:10AM
Received By Atrium	Date	Received in Subcontract Lab By Monica J Pellerin	Date 8/14 12:00

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Report Date: 09/09/2026
Client Project ID: HD161DPL Gateway Site Improvements- Flatlands Avenue
Project (SDG) No.: 26H0685

Revision No. 1.0

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 09/09/2026
Client Project ID: HD161DPL Gateway Site Improvements- Flatlands Avenue
Project (SDG) No.: 26H0685

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 13, 2026 and listed below. The project was identified as your project: **HD161DPL Gateway Site Improvements- Flatlands Avenue**.

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.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0685-01	HD161DPL GSI TP-10-CS-16	Soil	08/12/2026	08/13/2026
26H0685-02	HD161DPL GSI TP-10- CS-16-G3	Soil	08/12/2026	08/13/2026
26H0685-03	HD161DPL GSI TP-10-CS-17	Soil	08/12/2026	08/13/2026
26H0685-04	HD161DPL GSI TP-10- CS-17-G8	Soil	08/12/2026	08/13/2026
26H0685-05	HD161DPL GSI TP-10-CS-18	Soil	08/12/2026	08/13/2026
26H0685-06	HD161DPL GSI TP-10-CS-18-G10	Soil	08/12/2026	08/13/2026
26H0685-07	HD161DPL GSI TP-9-CS-19	Soil	08/12/2026	08/13/2026
26H0685-08	HD161DPL GSI TP-9- CS-19-G1	Soil	08/12/2026	08/13/2026
26H0685-09	HD161DPL GSI TP-9-CS-20	Soil	08/12/2026	08/13/2026
26H0685-10	HD161DPL GSI TP-9- CS-20-G5	Soil	08/12/2026	08/13/2026
26H0685-11	HD161DPL GSI TP-9-CS-21	Soil	08/12/2026	08/13/2026
26H0685-12	HD161DPL GSI TP-9- CS-21-G10	Soil	08/12/2026	08/13/2026
26H0685-13	HD161DPL GSI TP-8/15-CS-22	Soil	08/12/2026	08/13/2026
26H0685-14	HD161DPL GSI TP-8/15-CS-22-G7	Soil	08/12/2026	08/13/2026
26H0685-15	HD161DPL GSI TP-16-CS-23	Soil	08/12/2026	08/13/2026
26H0685-16	HD161DPL GSI TP-16- CS-23-G7	Soil	08/12/2026	08/13/2026
26H0685-17	HD161DPL GSI TP-16-CS-24	Soil	08/12/2026	08/13/2026
26H0685-18	HD161DPL GSI TP-16- CS-24-G1	Soil	08/12/2026	08/13/2026
26H0685-19	HD161DPL GSI TP-17-CS-25	Soil	08/12/2026	08/13/2026

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0685-20	HD161DPL GSI TP-17- CS-25-G8	Soil	08/12/2026	08/13/2026
26H0685-21	HD161DPL GSI TP-17-CS-26	Soil	08/12/2026	08/13/2026
26H0685-22	HD161DPL GSI TP-17- CS-26-G2	Soil	08/12/2026	08/13/2026
26H0685-23	HD161DPL GSI TP-17-CS-27	Soil	08/12/2026	08/13/2026
26H0685-24	HD161DPL GSI TP-17- CS-27-G2	Soil	08/12/2026	08/13/2026
26H0685-25	HD161DPL GSI TP-18-CS-28	Soil	08/12/2026	08/13/2026
26H0685-26	HD161DPL GSI TP-18- CS-28-G6	Soil	08/12/2026	08/13/2026
26H0685-27	HD161DPL GSI TP-18-CS-29	Soil	08/12/2026	08/13/2026
26H0685-28	HD161DPL GSI TP-18- CS-29-G7	Soil	08/12/2026	08/13/2026
26H0685-29	HD161DPL GSI TP-19-CS-30	Soil	08/12/2026	08/13/2026
26H0685-30	HD161DPL GSI TP-19- CS-30-G4	Soil	08/12/2026	08/13/2026
26H0685-31	HD161DPL GSI TP-19-CS-31	Soil	08/12/2026	08/13/2026
26H0685-32	HD161DPL GSI TP-19- CS-31-G5	Soil	08/12/2026	08/13/2026
26H0685-33	HD161DPL GSI TP-20-CS-32	Soil	08/12/2026	08/13/2026
26H0685-34	HD161DPL GSI TP-20- CS-32-G3	Soil	08/12/2026	08/13/2026
26H0685-35	HD161DPL GSI TP-20-CS-33	Soil	08/12/2026	08/13/2026
26H0685-36	HD161DPL GSI TP-20- CS-33-G1	Soil	08/12/2026	08/13/2026
26H0685-37	HD161DPL GSI TP-21-CS-34	Soil	08/12/2026	08/13/2026
26H0685-38	HD161DPL GSI TP-21- CS-34-G8	Soil	08/12/2026	08/13/2026
26H0685-39	HD161DPL GSI TP-21-CS-35	Soil	08/12/2026	08/13/2026
26H0685-40	HD161DPL GSI TP-21- CS-35-G4	Soil	08/12/2026	08/13/2026
26H0685-41	HD161DPL GSI TP-21-CS-36	Soil	08/12/2026	08/13/2026
26H0685-42	HD161DPL GSI TP-21- CS-36-G1	Soil	08/12/2026	08/13/2026
26H0685-43	HD161DPL GSI TP-26-CS-37	Soil	08/12/2026	08/13/2026
26H0685-44	HD161DPL GSI TP-26- CS-37-G8	Soil	08/12/2026	08/13/2026
26H0685-45	HD161DPL GSI TP-26-CS-38	Soil	08/12/2026	08/13/2026
26H0685-46	HD161DPL GSI TP-26- CS-38-G7	Soil	08/12/2026	08/13/2026
26H0685-47	HD161DPL GSI TP-25-CS-39	Soil	08/12/2026	08/13/2026
26H0685-48	HD161DPL GSI TP-25- CS-39-G6	Soil	08/12/2026	08/13/2026
26H0685-49	HD161DPL GSI TP-25-CS-40	Soil	08/12/2026	08/13/2026
26H0685-50	HD161DPL GSI TP-25- CS-40-G2	Soil	08/12/2026	08/13/2026
26H0685-51	HD161DPL GSI TP-24-CS-41	Soil	08/12/2026	08/13/2026
26H0685-52	HD161DPL GSI TP-24- CS-41-G5	Soil	08/12/2026	08/13/2026
26H0685-53	HD161DPL GSI TP-24-CS-42	Soil	08/12/2026	08/13/2026
26H0685-54	HD161DPL GSI TP-24- CS-42-G4	Soil	08/12/2026	08/13/2026

General Notes for Project (SDG) No.: 26H0685

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. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, 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 ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:



Scott Hall
Laboratory Manager - Stratford

Date: 09/09/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-01 - HD161DPL GSI TP-10-CS-16								
* Temperature	22.2	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:42
Aluminum	7370			4.47	4.47	mg/kg dry	EPA 6010D	08/17/26 13:29
Arsenic	5.45			1.34	1.34	mg/kg dry	EPA 6010D	08/17/26 13:29
Barium	170			2.23	2.23	mg/kg dry	EPA 6010D	08/17/26 13:29
Beryllium	0.282			0.045	0.045	mg/kg dry	EPA 6010D	08/17/26 13:29
Cadmium	0.420			0.268	0.268	mg/kg dry	EPA 6010D	08/17/26 13:29
Calcium	21000			4.47	4.47	mg/kg dry	EPA 6010D	08/17/26 13:29
Chromium	23.7			0.447	0.447	mg/kg dry	EPA 6010D	08/17/26 13:29
Cobalt	6.35			0.357	0.357	mg/kg dry	EPA 6010D	08/17/26 13:29
Copper	37.4			1.79	1.79	mg/kg dry	EPA 6010D	08/17/26 13:29
Iron	17500			22.3	22.3	mg/kg dry	EPA 6010D	08/17/26 13:29
Lead	346			0.447	0.447	mg/kg dry	EPA 6010D	08/17/26 13:29
Magnesium	8020			4.47	4.47	mg/kg dry	EPA 6010D	08/17/26 13:29
Manganese	264			0.447	0.447	mg/kg dry	EPA 6010D	08/17/26 13:29
Nickel	29.1			0.890	0.890	mg/kg dry	EPA 6010D	08/17/26 13:29
Potassium	985			4.47	4.47	mg/kg dry	EPA 6010D	08/17/26 13:29
Sodium	176			44.7	44.7	mg/kg dry	EPA 6010D	08/17/26 13:29
Vanadium	37.0			0.890	0.890	mg/kg dry	EPA 6010D	08/17/26 13:29
Zinc	193			2.23	2.23	mg/kg dry	EPA 6010D	08/17/26 13:29
Lead	0.290			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:19
Mercury	0.602			0.0105	0.0332	mg/kg dry	EPA 7473	08/17/26 10:27
Aroclor 1242	2740		D	91.7	91.7	mg/kg dry	EPA 8082A	08/20/26 9:13
Aroclor 1242	32.4		D	0.917	0.917	mg/kg dry	EPA 8082A	09/08/26 14:24
* Total PCBs	2740		D	91.7	91.7	mg/kg dry	EPA 8082A	08/20/26 9:13
* Total PCBs	32.4		D	0.917	0.917	mg/kg dry	EPA 8082A	09/08/26 14:24
2-Methylnaphthalene	0.0399	J	J	0.0280	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Acenaphthene	0.294			0.0339	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Acenaphthylene	0.220			0.0292	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Anthracene	0.551			0.0305	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Benzo(a)anthracene	2.32		D	0.597	1.83	mg/kg dry	EPA 8270E	08/24/26 12:18
Benzo(a)pyrene	2.55		D	0.675	1.83	mg/kg dry	EPA 8270E	08/24/26 12:18
Benzo(b)fluoranthene	2.19		D	0.688	1.83	mg/kg dry	EPA 8270E	08/24/26 12:18
Benzo(g,h,i)perylene	1.53		E	0.0327	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Benzo(k)fluoranthene	1.58		E	0.0338	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Carbazole	0.159			0.0304	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Chrysene	2.11		D	0.587	1.83	mg/kg dry	EPA 8270E	08/24/26 12:18
Dibenzo(a,h)anthracene	0.152	CCVE		0.0274	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Dibenzofuran	0.128			0.0302	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Fluoranthene	4.55		D	0.588	1.83	mg/kg dry	EPA 8270E	08/24/26 12:18
Fluorene	0.166			0.0346	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Indeno(1,2,3-cd)pyrene	1.54		E	0.0354	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Naphthalene	0.0483	J	J	0.0319	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Phenanthrene	1.69		E	0.0294	0.0914	mg/kg dry	EPA 8270E	08/19/26 13:27
Pyrene	3.89		D	0.576	1.83	mg/kg dry	EPA 8270E	08/24/26 12:18
pH	7.69	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:42
* % Solids	90.2		B	0.100	0.100	%	SM 2540G	08/14/26 12:00

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-02 - HD161DPL GSI TP-10- CS-16-G3								
* % Solids	90.5		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-03 - HD161DPL GSI TP-10-CS-17								
* Temperature	22.2	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:44
Aluminum	7680			4.63	4.63	mg/kg dry	EPA 6010D	08/17/26 13:48
Arsenic	7.04			1.39	1.39	mg/kg dry	EPA 6010D	08/17/26 13:48
Barium	172			2.31	2.31	mg/kg dry	EPA 6010D	08/17/26 13:48
Beryllium	3.08			0.047	0.047	mg/kg dry	EPA 6010D	08/17/26 13:48
Cadmium	0.889			0.278	0.278	mg/kg dry	EPA 6010D	08/17/26 13:48
Calcium	11300			4.63	4.63	mg/kg dry	EPA 6010D	08/17/26 13:48
Chromium	17.7			0.464	0.464	mg/kg dry	EPA 6010D	08/17/26 13:48
Cobalt	16.7			0.370	0.370	mg/kg dry	EPA 6010D	08/17/26 13:48
Copper	86.6			1.85	1.85	mg/kg dry	EPA 6010D	08/17/26 13:48
Iron	15900			23.2	23.2	mg/kg dry	EPA 6010D	08/17/26 13:48
Lead	336			0.464	0.464	mg/kg dry	EPA 6010D	08/17/26 13:48
Magnesium	3410			4.64	4.64	mg/kg dry	EPA 6010D	08/17/26 13:48
Manganese	206			0.464	0.464	mg/kg dry	EPA 6010D	08/17/26 13:48
Nickel	42.5			0.923	0.923	mg/kg dry	EPA 6010D	08/17/26 13:48
Potassium	1000			4.64	4.64	mg/kg dry	EPA 6010D	08/17/26 13:48
Silver	0.519			0.467	0.467	mg/kg dry	EPA 6010D	08/17/26 13:48
Sodium	202			46.3	46.3	mg/kg dry	EPA 6010D	08/17/26 13:48
Vanadium	32.2			0.923	0.923	mg/kg dry	EPA 6010D	08/17/26 13:48
Zinc	422			2.31	2.31	mg/kg dry	EPA 6010D	08/17/26 13:48
Barium	0.635			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:26
Lead	0.480			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:26
Mercury	0.994			0.0107	0.0339	mg/kg dry	EPA 7473	08/17/26 10:27
4,4'-DDD	0.0368		D	0.00354	0.00374	mg/kg dry	EPA 8081B	08/18/26 11:05
4,4'-DDE	0.00967		D	0.00151	0.00187	mg/kg dry	EPA 8081B	08/18/26 11:05
4,4'-DDT	0.00837	P	DP	0.00298	0.00374	mg/kg dry	EPA 8081B	08/18/26 11:05
alpha-Chlordane	0.0194		D	0.00225	0.00374	mg/kg dry	EPA 8081B	08/18/26 11:05
Aroclor 1242	0.0675			0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 2:23
Aroclor 1254	0.0614			0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 2:23
Aroclor 1260	0.0399			0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 2:23
* Total PCBs	0.169			0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 2:23
2-Methylnaphthalene	0.0500	J	J	0.0286	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Acenaphthene	0.348			0.0345	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Acenaphthylene	0.183			0.0298	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Anthracene	0.723			0.0312	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Benzo(a)anthracene	2.11		D	0.152	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00
Benzo(a)pyrene	1.02		D	0.172	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00
Benzo(b)fluoranthene	1.37		D	0.175	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00
Benzo(g,h,i)perylene	1.19			0.0334	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Benzo(k)fluoranthene	1.30			0.0345	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Carbazole	0.238			0.0310	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Chrysene	1.97		D	0.150	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-03 - HD161DPL GSI TP-10-CS-17								
Dibenzo(a,h)anthracene	0.121	CCVE		0.0280	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Dibenzofuran	0.140			0.0309	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Fluoranthene	3.83		D	0.150	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00
Fluorene	0.269			0.0353	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Indeno(1,2,3-cd)pyrene	1.21			0.0361	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Naphthalene	0.0608	J	J	0.0326	0.0932	mg/kg dry	EPA 8270E	08/19/26 13:59
Phenanthrene	2.31		D	0.150	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00
Pyrene	4.08		D	0.147	0.466	mg/kg dry	EPA 8270E	08/21/26 17:00
pH	7.69	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:44
* % Solids	88.5		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-04 - HD161DPL GSI TP-10- CS-17-G8								
2-Butanone	0.017			0.0029	0.0058	mg/kg dry	EPA 8260D	08/16/26 0:12
Acetone	0.099	CAL-E, CCVE		0.0058	0.012	mg/kg dry	EPA 8260D	08/16/26 0:12
* % Solids	87.2		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-05 - HD161DPL GSI TP-10-CS-18								
* Temperature	22.0	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:46
Aluminum	4670			4.51	4.51	mg/kg dry	EPA 6010D	08/17/26 13:50
Arsenic	3.09			1.35	1.35	mg/kg dry	EPA 6010D	08/17/26 13:50
Barium	136			2.25	2.25	mg/kg dry	EPA 6010D	08/17/26 13:50
Beryllium	0.265			0.046	0.046	mg/kg dry	EPA 6010D	08/17/26 13:50
Cadmium	0.614			0.271	0.271	mg/kg dry	EPA 6010D	08/17/26 13:50
Calcium	11900			4.52	4.52	mg/kg dry	EPA 6010D	08/17/26 13:50
Chromium	13.1			0.452	0.452	mg/kg dry	EPA 6010D	08/17/26 13:50
Cobalt	4.22			0.361	0.361	mg/kg dry	EPA 6010D	08/17/26 13:50
Copper	54.7			1.81	1.81	mg/kg dry	EPA 6010D	08/17/26 13:50
Iron	10200			22.6	22.6	mg/kg dry	EPA 6010D	08/17/26 13:50
Lead	302			0.452	0.452	mg/kg dry	EPA 6010D	08/17/26 13:50
Magnesium	6130			4.52	4.52	mg/kg dry	EPA 6010D	08/17/26 13:50
Manganese	162			0.452	0.452	mg/kg dry	EPA 6010D	08/17/26 13:50
Nickel	19.5			0.899	0.899	mg/kg dry	EPA 6010D	08/17/26 13:50
Potassium	574			4.52	4.52	mg/kg dry	EPA 6010D	08/17/26 13:50
Sodium	145			45.2	45.2	mg/kg dry	EPA 6010D	08/17/26 13:50
Vanadium	48.6			0.899	0.899	mg/kg dry	EPA 6010D	08/17/26 13:50
Zinc	180			2.25	2.25	mg/kg dry	EPA 6010D	08/17/26 13:50
Barium	0.975			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:28
Lead	1.45			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:28
Mercury	0.385			0.0105	0.0331	mg/kg dry	EPA 7473	08/17/26 10:27
4,4'-DDD	0.00832		D	0.00345	0.00365	mg/kg dry	EPA 8081B	08/17/26 16:46
4,4'-DDE	0.00219		D	0.00147	0.00182	mg/kg dry	EPA 8081B	08/17/26 16:46
4,4'-DDT	0.00449	P	DP	0.00291	0.00365	mg/kg dry	EPA 8081B	08/17/26 16:46
Aroclor 1242	0.0229			0.0182	0.0182	mg/kg dry	EPA 8082A	08/19/26 3:04
Aroclor 1254	0.0193			0.0182	0.0182	mg/kg dry	EPA 8082A	08/19/26 3:04
* Total PCBs	0.0587			0.0182	0.0182	mg/kg dry	EPA 8082A	08/19/26 3:04

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-05 - HD161DPL GSI TP-10-CS-18								
2-Methylnaphthalene	0.0335	J	J	0.0279	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Acenaphthene	0.172			0.0337	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Acenaphthylene	0.0833	J	J	0.0291	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Anthracene	0.433			0.0304	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Benzo(a)anthracene	1.29			0.0297	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Benzo(a)pyrene	1.38			0.0336	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Benzo(b)fluoranthene	1.21			0.0342	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Benzo(g,h,i)perylene	0.643			0.0325	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Benzo(k)fluoranthene	0.936			0.0336	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Bis(2-ethylhexyl)phthalate	0.0567	J	J	0.0393	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Carbazole	0.185			0.0303	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Chrysene	1.15			0.0292	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Dibenzo(a,h)anthracene	0.0742	J	J	0.0273	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Dibenzofuran	0.0753	J	J	0.0301	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Fluoranthene	2.32		D	0.146	0.454	mg/kg dry	EPA 8270E	08/21/26 17:30
Fluorene	0.160			0.0344	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Indeno(1,2,3-cd)pyrene	0.675			0.0352	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Naphthalene	0.0644	J	J	0.0317	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Phenanthrene	1.61		E	0.0292	0.0909	mg/kg dry	EPA 8270E	08/19/26 14:31
Pyrene	2.36		D	0.143	0.454	mg/kg dry	EPA 8270E	08/21/26 17:30
pH	7.82	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:46
* % Solids	90.8		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-06 - HD161DPL GSI TP-10- CS-18-G10								
2-Butanone	0.016			0.0028	0.0056	mg/kg dry	EPA 8260D	08/16/26 0:39
Acetone	0.078	CAL-E, CCVE		0.0056	0.011	mg/kg dry	EPA 8260D	08/16/26 0:39
* % Solids	78.9		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-07 - HD161DPL GSI TP-9-CS-19								
* Temperature	22.2	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:47
Aluminum	7090			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 13:51
Arsenic	5.71			1.39	1.39	mg/kg dry	EPA 6010D	08/17/26 13:51
Barium	186			2.30	2.30	mg/kg dry	EPA 6010D	08/17/26 13:51
Beryllium	0.218			0.047	0.047	mg/kg dry	EPA 6010D	08/17/26 13:51
Cadmium	0.683			0.277	0.277	mg/kg dry	EPA 6010D	08/17/26 13:51
Calcium	9760			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 13:51
Chromium	18.7			0.462	0.462	mg/kg dry	EPA 6010D	08/17/26 13:51
Cobalt	19.0			0.369	0.369	mg/kg dry	EPA 6010D	08/17/26 13:51
Copper	55.8			1.85	1.85	mg/kg dry	EPA 6010D	08/17/26 13:51
Iron	14700			23.1	23.1	mg/kg dry	EPA 6010D	08/17/26 13:51
Lead	330			0.462	0.462	mg/kg dry	EPA 6010D	08/17/26 13:51
Magnesium	3300			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 13:51
Manganese	200			0.462	0.462	mg/kg dry	EPA 6010D	08/17/26 13:51
Nickel	26.5			0.920	0.920	mg/kg dry	EPA 6010D	08/17/26 13:51
Potassium	971			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 13:51

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-07 - HD161DPL GSI TP-9-CS-19								
Sodium	153			46.2	46.2	mg/kg dry	EPA 6010D	08/17/26 13:51
Vanadium	23.1			0.920	0.920	mg/kg dry	EPA 6010D	08/17/26 13:51
Zinc	276			2.30	2.30	mg/kg dry	EPA 6010D	08/17/26 13:51
Barium	0.778			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:29
Lead	0.452			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:29
Mercury	0.704			0.0109	0.0344	mg/kg dry	EPA 7473	08/17/26 10:27
4,4'-DDD	0.00797		D	0.00359	0.00379	mg/kg dry	EPA 8081B	08/17/26 17:03
4,4'-DDE	0.00343		D	0.00153	0.00190	mg/kg dry	EPA 8081B	08/17/26 17:03
4,4'-DDT	0.00407	P	DP	0.00302	0.00379	mg/kg dry	EPA 8081B	08/17/26 17:03
alpha-Chlordane	0.00576		D	0.00228	0.00379	mg/kg dry	EPA 8081B	08/17/26 17:03
Aroclor 1242	0.0234	P	P	0.0190	0.0190	mg/kg dry	EPA 8082A	08/19/26 3:17
Aroclor 1254	0.0563			0.0190	0.0190	mg/kg dry	EPA 8082A	08/19/26 3:17
* Total PCBs	0.0797			0.0190	0.0190	mg/kg dry	EPA 8082A	08/19/26 3:17
2-Methylnaphthalene	0.0408	J	J	0.0290	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Acenaphthene	0.206			0.0350	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Acenaphthylene	0.291			0.0302	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Anthracene	0.635			0.0316	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Benzo(a)anthracene	2.08		D	0.154	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
Benzo(a)pyrene	1.84		D	0.174	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
Benzo(b)fluoranthene	1.51		D	0.178	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
Benzo(g,h,i)perylene	1.29			0.0338	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Benzo(k)fluoranthene	1.35			0.0349	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Bis(2-ethylhexyl)phthalate	0.135			0.0408	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Carbazole	0.217			0.0315	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Chrysene	2.05		D	0.152	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
Dibenzo(a,h)anthracene	0.134	CCVE		0.0283	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Dibenzofuran	0.116			0.0313	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Fluoranthene	3.61		D	0.152	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
Fluorene	0.205			0.0357	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Indeno(1,2,3-cd)pyrene	1.32			0.0366	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Naphthalene	0.0624	J	J	0.0330	0.0944	mg/kg dry	EPA 8270E	08/19/26 15:04
Phenanthrene	2.01		D	0.152	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
Pyrene	4.02		D	0.149	0.472	mg/kg dry	EPA 8270E	08/21/26 17:59
pH	7.71	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:47
* % Solids	87.3		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-08 - HD161DPL GSI TP-9- CS-19-G1								
* % Solids	88.3		B	0.100	0.100	%	SM 2540G	08/14/26 12:00
26H0685-09 - HD161DPL GSI TP-9-CS-20								
* Temperature	22.2	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:48
Aluminum	7190			4.57	4.57	mg/kg dry	EPA 6010D	08/17/26 13:53
Arsenic	8.69			1.37	1.37	mg/kg dry	EPA 6010D	08/17/26 13:53
Barium	180			2.28	2.28	mg/kg dry	EPA 6010D	08/17/26 13:53
Beryllium	0.260			0.046	0.046	mg/kg dry	EPA 6010D	08/17/26 13:53
Cadmium	0.704			0.274	0.274	mg/kg dry	EPA 6010D	08/17/26 13:53

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-09 - HD161DPL GSI TP-9-CS-20								
Calcium	10600			4.57	4.57	mg/kg dry	EPA 6010D	08/17/26 13:53
Chromium	18.1			0.458	0.458	mg/kg dry	EPA 6010D	08/17/26 13:53
Cobalt	11.7			0.366	0.366	mg/kg dry	EPA 6010D	08/17/26 13:53
Copper	69.0			1.83	1.83	mg/kg dry	EPA 6010D	08/17/26 13:53
Iron	15700			22.9	22.9	mg/kg dry	EPA 6010D	08/17/26 13:53
Lead	297			0.458	0.458	mg/kg dry	EPA 6010D	08/17/26 13:53
Magnesium	4070			4.58	4.58	mg/kg dry	EPA 6010D	08/17/26 13:53
Manganese	199			0.458	0.458	mg/kg dry	EPA 6010D	08/17/26 13:53
Nickel	21.5			0.911	0.911	mg/kg dry	EPA 6010D	08/17/26 13:53
Potassium	933			4.58	4.58	mg/kg dry	EPA 6010D	08/17/26 13:53
Silver	0.467			0.461	0.461	mg/kg dry	EPA 6010D	08/17/26 13:53
Sodium	159			45.7	45.7	mg/kg dry	EPA 6010D	08/17/26 13:53
Vanadium	21.5			0.911	0.911	mg/kg dry	EPA 6010D	08/17/26 13:53
Zinc	274			2.28	2.28	mg/kg dry	EPA 6010D	08/17/26 13:53
Barium	0.748			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:37
Lead	0.662			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:37
Mercury	0.452			0.0108	0.0340	mg/kg dry	EPA 7473	08/17/26 10:27
4,4'-DDD	0.0140		D	0.00356	0.00376	mg/kg dry	EPA 8081B	08/17/26 17:20
4,4'-DDE	0.00439		D	0.00151	0.00188	mg/kg dry	EPA 8081B	08/17/26 17:20
alpha-Chlordane	0.00521		D	0.00226	0.00376	mg/kg dry	EPA 8081B	08/17/26 17:20
Aroclor 1242	0.0554			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 3:31
Aroclor 1254	0.0447			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 3:31
Aroclor 1260	0.0323			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 3:31
* Total PCBs	0.132			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 3:31
Acenaphthene	0.104			0.0347	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Acenaphthylene	0.123			0.0299	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Anthracene	0.318			0.0313	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(a)anthracene	1.23			0.0306	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(a)pyrene	1.41			0.0345	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(b)fluoranthene	1.26			0.0352	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(g,h,i)perylene	0.659			0.0335	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Benzo(k)fluoranthene	0.922			0.0346	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Bis(2-ethylhexyl)phthalate	0.0929	J	J	0.0404	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Carbazole	0.103			0.0312	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Chrysene	1.12			0.0301	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Dibenzo(a,h)anthracene	0.0734	J	J	0.0281	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Dibenzofuran	0.0483	J	J	0.0310	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Fluoranthene	2.13		D	0.151	0.468	mg/kg dry	EPA 8270E	08/22/26 22:24
Fluorene	0.0955			0.0354	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Indeno(1,2,3-cd)pyrene	0.684			0.0363	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Phenanthrene	1.09			0.0301	0.0936	mg/kg dry	EPA 8270E	08/19/26 15:36
Pyrene	1.76		D	0.148	0.468	mg/kg dry	EPA 8270E	08/22/26 22:24
pH	7.89	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:48
* % Solids	88.1		B	0.100	0.100	%	SM 2540G	08/14/26 12:30

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-10 - HD161DPL GSI TP-9- CS-20-G5								
2-Butanone	0.012			0.0024	0.0049	mg/kg dry	EPA 8260D	08/16/26 1:33
Acetone	0.066	CAL-E, CCVE		0.0049	0.0098	mg/kg dry	EPA 8260D	08/16/26 1:33
* % Solids	88.7		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-11 - HD161DPL GSI TP-9-CS-21								
* Temperature	22.2	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:49
Aluminum	5590			4.70	4.70	mg/kg dry	EPA 6010D	08/17/26 13:54
Arsenic	6.86			1.41	1.41	mg/kg dry	EPA 6010D	08/17/26 13:54
Barium	294			2.35	2.35	mg/kg dry	EPA 6010D	08/17/26 13:54
Beryllium	0.221			0.047	0.047	mg/kg dry	EPA 6010D	08/17/26 13:54
Cadmium	1.13			0.282	0.282	mg/kg dry	EPA 6010D	08/17/26 13:54
Calcium	14900			4.70	4.70	mg/kg dry	EPA 6010D	08/17/26 13:54
Chromium	31.4			0.471	0.471	mg/kg dry	EPA 6010D	08/17/26 13:54
Cobalt	5.35			0.376	0.376	mg/kg dry	EPA 6010D	08/17/26 13:54
Copper	113			1.88	1.88	mg/kg dry	EPA 6010D	08/17/26 13:54
Iron	18300			23.5	23.5	mg/kg dry	EPA 6010D	08/17/26 13:54
Lead	474			0.471	0.471	mg/kg dry	EPA 6010D	08/17/26 13:54
Magnesium	6980			4.71	4.71	mg/kg dry	EPA 6010D	08/17/26 13:54
Manganese	188			0.471	0.471	mg/kg dry	EPA 6010D	08/17/26 13:54
Nickel	20.1			0.937	0.937	mg/kg dry	EPA 6010D	08/17/26 13:54
Potassium	701			4.71	4.71	mg/kg dry	EPA 6010D	08/17/26 13:54
Silver	1.06			0.474	0.474	mg/kg dry	EPA 6010D	08/17/26 13:54
Sodium	183			47.0	47.0	mg/kg dry	EPA 6010D	08/17/26 13:54
Vanadium	20.6			0.937	0.937	mg/kg dry	EPA 6010D	08/17/26 13:54
Zinc	355			2.34	2.34	mg/kg dry	EPA 6010D	08/17/26 13:54
Barium	1.13			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:38
Lead	0.682			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:38
Mercury	1.38			0.0111	0.0350	mg/kg dry	EPA 7473	08/17/26 10:27
4,4'-DDD	0.0154		D	0.00366	0.00386	mg/kg dry	EPA 8081B	08/17/26 17:37
4,4'-DDE	0.00730		D	0.00155	0.00193	mg/kg dry	EPA 8081B	08/17/26 17:37
4,4'-DDT	0.00676	P	DP	0.00307	0.00386	mg/kg dry	EPA 8081B	08/17/26 17:37
Aroclor 1242	0.118			0.0193	0.0193	mg/kg dry	EPA 8082A	08/19/26 3:45
Aroclor 1254	0.120			0.0193	0.0193	mg/kg dry	EPA 8082A	08/19/26 3:45
Aroclor 1260	0.0891			0.0193	0.0193	mg/kg dry	EPA 8082A	08/19/26 3:45
* Total PCBs	0.327			0.0193	0.0193	mg/kg dry	EPA 8082A	08/19/26 3:45
Acenaphthene	0.131			0.0357	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Acenaphthylene	0.0911	J	J	0.0309	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Anthracene	0.273			0.0322	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Benzo(a)anthracene	0.880			0.0315	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Benzo(a)pyrene	1.00			0.0356	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Benzo(b)fluoranthene	0.851			0.0363	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Benzo(g,h,i)perylene	0.469			0.0345	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Benzo(k)fluoranthene	0.652			0.0357	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Carbazole	0.102			0.0321	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-11 - HD161DPL GSI TP-9-CS-21								
Chrysene	0.816			0.0310	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Dibenzo(a,h)anthracene	0.0417	J	J	0.0289	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Di-n-butyl phthalate	0.0876	J	J	0.0406	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Fluoranthene	1.65		D	0.155	0.482	mg/kg dry	EPA 8270E	08/22/26 21:52
Fluorene	0.139			0.0365	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Indeno(1,2,3-cd)pyrene	0.469			0.0374	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Naphthalene	0.0471	J	J	0.0337	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Phenanthrene	1.17			0.0310	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
Pyrene	1.62		E	0.0304	0.0965	mg/kg dry	EPA 8270E	08/19/26 16:08
pH	7.73	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:49
* % Solids	85.8		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-12 - HD161DPL GSI TP-9- CS-21-G10								
2-Butanone	0.049			0.0037	0.0073	mg/kg dry	EPA 8260D	08/16/26 2:00
Acetone	0.25	CAL-E, CCVE		0.0073	0.015	mg/kg dry	EPA 8260D	08/16/26 2:00
* % Solids	84.9		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-13 - HD161DPL GSI TP-8/15-CS-22								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 12:51
Aluminum	6920			4.54	4.54	mg/kg dry	EPA 6010D	08/17/26 13:56
Arsenic	4.00			1.36	1.36	mg/kg dry	EPA 6010D	08/17/26 13:56
Barium	77.9			2.27	2.27	mg/kg dry	EPA 6010D	08/17/26 13:56
Beryllium	0.174			0.046	0.046	mg/kg dry	EPA 6010D	08/17/26 13:56
Calcium	4430			4.54	4.54	mg/kg dry	EPA 6010D	08/17/26 13:56
Chromium	20.7			0.455	0.455	mg/kg dry	EPA 6010D	08/17/26 13:56
Cobalt	6.53			0.363	0.363	mg/kg dry	EPA 6010D	08/17/26 13:56
Copper	29.9			1.82	1.82	mg/kg dry	EPA 6010D	08/17/26 13:56
Iron	13300			22.7	22.7	mg/kg dry	EPA 6010D	08/17/26 13:56
Lead	110			0.455	0.455	mg/kg dry	EPA 6010D	08/17/26 13:56
Magnesium	3850			4.55	4.55	mg/kg dry	EPA 6010D	08/17/26 13:56
Manganese	229			0.455	0.455	mg/kg dry	EPA 6010D	08/17/26 13:56
Nickel	44.0			0.905	0.905	mg/kg dry	EPA 6010D	08/17/26 13:56
Potassium	1450			4.55	4.55	mg/kg dry	EPA 6010D	08/17/26 13:56
Sodium	120			45.4	45.4	mg/kg dry	EPA 6010D	08/17/26 13:56
Vanadium	28.7			0.905	0.905	mg/kg dry	EPA 6010D	08/17/26 13:56
Zinc	97.8			2.26	2.26	mg/kg dry	EPA 6010D	08/17/26 13:56
Barium	0.715			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:40
Lead	0.128			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:40
Mercury	0.381			0.0104	0.0327	mg/kg dry	EPA 7473	08/17/26 10:28
* Total PCBs	0.0232			0.0180	0.0180	mg/kg dry	EPA 8082A	08/19/26 3:58
Acenaphthylene	0.0697	J	J	0.0289	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Anthracene	0.142			0.0302	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Benzo(a)anthracene	0.558			0.0295	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Benzo(a)pyrene	0.669			0.0333	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Benzo(b)fluoranthene	0.657			0.0339	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-13 - HD161DPL GSI TP-8/15-CS-22								
Benzo(g,h,i)perylene	0.353			0.0323	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Benzo(k)fluoranthene	0.416			0.0333	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Bis(2-ethylhexyl)phthalate	0.0462	J	J	0.0390	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Carbazole	0.0394	J	J	0.0300	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Chrysene	0.508			0.0290	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Dibenzo(a,h)anthracene	0.0401	J	J	0.0271	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Fluoranthene	0.946			0.0290	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Indeno(1,2,3-cd)pyrene	0.347			0.0350	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Phenanthrene	0.346			0.0290	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
Pyrene	0.843			0.0285	0.0902	mg/kg dry	EPA 8270E	08/19/26 16:40
pH	8.15	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 12:51
* % Solids	91.7		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-14 - HD161DPL GSI TP-8/15- CS-22-G7								
* % Solids	94.0		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-15 - HD161DPL GSI TP-16-CS-23								
* Temperature	20.8	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:18
Aluminum	5600			5.36	5.36	mg/kg dry	EPA 6010D	08/17/26 13:57
Arsenic	9.86			1.61	1.61	mg/kg dry	EPA 6010D	08/17/26 13:57
Barium	157			2.68	2.68	mg/kg dry	EPA 6010D	08/17/26 13:57
Beryllium	0.153			0.054	0.054	mg/kg dry	EPA 6010D	08/17/26 13:57
Cadmium	0.557			0.322	0.322	mg/kg dry	EPA 6010D	08/17/26 13:57
Calcium	10600			5.36	5.36	mg/kg dry	EPA 6010D	08/17/26 13:57
Chromium	12.7			0.536	0.536	mg/kg dry	EPA 6010D	08/17/26 13:57
Cobalt	5.21			0.428	0.428	mg/kg dry	EPA 6010D	08/17/26 13:57
Copper	33.9			2.14	2.14	mg/kg dry	EPA 6010D	08/17/26 13:57
Iron	12800			26.8	26.8	mg/kg dry	EPA 6010D	08/17/26 13:57
Lead	326			0.536	0.536	mg/kg dry	EPA 6010D	08/17/26 13:57
Magnesium	2850			5.36	5.36	mg/kg dry	EPA 6010D	08/17/26 13:57
Manganese	146			0.536	0.536	mg/kg dry	EPA 6010D	08/17/26 13:57
Nickel	21.2			1.07	1.07	mg/kg dry	EPA 6010D	08/17/26 13:57
Potassium	636			5.36	5.36	mg/kg dry	EPA 6010D	08/17/26 13:57
Sodium	159			53.6	53.6	mg/kg dry	EPA 6010D	08/17/26 13:57
Vanadium	17.1			1.07	1.07	mg/kg dry	EPA 6010D	08/17/26 13:57
Zinc	292			2.67	2.67	mg/kg dry	EPA 6010D	08/17/26 13:57
Lead	0.210			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:41
Mercury	0.980			0.0120	0.0379	mg/kg dry	EPA 7473	08/17/26 10:28
4,4'-DDD [2C]	0.0176	P	DP	0.00780	0.00823	mg/kg dry	EPA 8081B	08/19/26 17:03
4,4'-DDE	0.0143	P	DP	0.00331	0.00412	mg/kg dry	EPA 8081B	08/19/26 17:03
alpha-Chlordane	0.0269		D	0.00495	0.00823	mg/kg dry	EPA 8081B	08/19/26 17:03
Aroclor 1254	0.134	P	P	0.0412	0.0412	mg/kg dry	EPA 8082A	08/19/26 22:40
* Total PCBs	0.134	P	P	0.0412	0.0412	mg/kg dry	EPA 8082A	08/19/26 22:40
Acenaphthene	0.264			0.0388	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Acenaphthylene	0.213			0.0335	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Anthracene	0.748			0.0350	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-15 - HD161DPL GSI TP-16-CS-23								
Benzo(a)anthracene	2.38		D	0.171	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
Benzo(a)pyrene	2.71		D	0.193	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
Benzo(b)fluoranthene	2.26		D	0.197	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
Benzo(g,h,i)perylene	1.44			0.0375	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Benzo(k)fluoranthene	1.54			0.0387	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Carbazole	0.260			0.0349	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Chrysene	2.17		D	0.168	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
Dibenzo(a,h)anthracene	0.159	CCVE		0.0314	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Dibenzofuran	0.142			0.0346	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Fluoranthene	4.53		D	0.168	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
Fluorene	0.241			0.0396	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Indeno(1,2,3-cd)pyrene	1.51			0.0406	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Naphthalene	0.0444	J	J	0.0366	0.105	mg/kg dry	EPA 8270E	08/19/26 17:12
Phenanthrene	2.08		D	0.168	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
Pyrene	3.74		D	0.165	0.523	mg/kg dry	EPA 8270E	08/22/26 21:20
pH	7.82	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:18
* % Solids	79.1		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-16 - HD161DPL GSI TP-16- CS-23-G7								
* % Solids	90.8		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-17 - HD161DPL GSI TP-16-CS-24								
* Temperature	21.0	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:24
Aluminum	7640			4.56	4.56	mg/kg dry	EPA 6010D	08/17/26 13:59
Arsenic	5.19			1.37	1.37	mg/kg dry	EPA 6010D	08/17/26 13:59
Barium	147			2.28	2.28	mg/kg dry	EPA 6010D	08/17/26 13:59
Beryllium	0.230			0.046	0.046	mg/kg dry	EPA 6010D	08/17/26 13:59
Cadmium	0.411			0.274	0.274	mg/kg dry	EPA 6010D	08/17/26 13:59
Calcium	8130			4.57	4.57	mg/kg dry	EPA 6010D	08/17/26 13:59
Chromium	16.9			0.457	0.457	mg/kg dry	EPA 6010D	08/17/26 13:59
Cobalt	7.25			0.365	0.365	mg/kg dry	EPA 6010D	08/17/26 13:59
Copper	46.3			1.83	1.83	mg/kg dry	EPA 6010D	08/17/26 13:59
Iron	14900			22.8	22.8	mg/kg dry	EPA 6010D	08/17/26 13:59
Lead	257			0.457	0.457	mg/kg dry	EPA 6010D	08/17/26 13:59
Magnesium	3480			4.57	4.57	mg/kg dry	EPA 6010D	08/17/26 13:59
Manganese	225			0.457	0.457	mg/kg dry	EPA 6010D	08/17/26 13:59
Nickel	33.4			0.909	0.909	mg/kg dry	EPA 6010D	08/17/26 13:59
Potassium	1130			4.57	4.57	mg/kg dry	EPA 6010D	08/17/26 13:59
Sodium	183			45.7	45.7	mg/kg dry	EPA 6010D	08/17/26 13:59
Vanadium	36.1			0.909	0.909	mg/kg dry	EPA 6010D	08/17/26 13:59
Zinc	158			2.27	2.27	mg/kg dry	EPA 6010D	08/17/26 13:59
Barium	0.660			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:43
Lead	0.600			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:43
Mercury	0.624			0.0106	0.0334	mg/kg dry	EPA 7473	08/17/26 13:08
4,4'-DDD [2C]	0.0144		D	0.00349	0.00369	mg/kg dry	EPA 8081B	08/17/26 15:39
4,4'-DDE	0.00794	P	DP	0.00148	0.00184	mg/kg dry	EPA 8081B	08/17/26 15:39

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-17 - HD161DPL GSI TP-16-CS-24								
4,4'-DDT	0.00471	P	DP	0.00294	0.00369	mg/kg dry	EPA 8081B	08/17/26 15:39
alpha-Chlordane	0.0162		D	0.00222	0.00369	mg/kg dry	EPA 8081B	08/17/26 15:39
Aroclor 1242	0.102			0.0184	0.0184	mg/kg dry	EPA 8082A	08/19/26 4:12
Aroclor 1254	0.0721			0.0184	0.0184	mg/kg dry	EPA 8082A	08/19/26 4:12
* Total PCBs	0.174			0.0184	0.0184	mg/kg dry	EPA 8082A	08/19/26 4:12
Acenaphthene	0.273			0.0341	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Acenaphthylene	0.114			0.0295	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Anthracene	0.486			0.0308	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Benzo(a)anthracene	1.64		D	0.151	0.461	mg/kg dry	EPA 8270E	08/22/26 20:48
Benzo(a)pyrene	1.81		D	0.170	0.461	mg/kg dry	EPA 8270E	08/22/26 20:48
Benzo(b)fluoranthene	1.58		D	0.173	0.461	mg/kg dry	EPA 8270E	08/22/26 20:48
Benzo(g,h,i)perylene	0.900			0.0330	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Benzo(k)fluoranthene	1.28			0.0341	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Bis(2-ethylhexyl)phthalate	0.0682	J	J	0.0398	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Carbazole	0.185			0.0307	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Chrysene	1.69		E	0.0296	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Dibenzo(a,h)anthracene	0.110	CCVE		0.0276	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Dibenzofuran	0.0893	J	J	0.0305	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Fluoranthene	3.50		D	0.148	0.461	mg/kg dry	EPA 8270E	08/22/26 20:48
Fluorene	0.150			0.0349	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Indeno(1,2,3-cd)pyrene	0.950			0.0357	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Naphthalene	0.0332	J	J	0.0322	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Phenanthrene	1.62		E	0.0296	0.0922	mg/kg dry	EPA 8270E	08/19/26 17:45
Pyrene	2.80		D	0.145	0.461	mg/kg dry	EPA 8270E	08/22/26 20:48
pH	7.72	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:24
* % Solids	89.8		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-18 - HD161DPL GSI TP-16- CS-24-G1								
2-Butanone	0.011			0.0033	0.0065	mg/kg dry	EPA 8260D	08/16/26 3:22
Acetone	0.069	CAL-E, CCVE		0.0065	0.013	mg/kg dry	EPA 8260D	08/16/26 3:22
* % Solids	88.6		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-19 - HD161DPL GSI TP-17-CS-25								
* Temperature	21.1	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:31
Aluminum	9140			4.60	4.60	mg/kg dry	EPA 6010D	08/17/26 14:00
Arsenic	6.63			1.38	1.38	mg/kg dry	EPA 6010D	08/17/26 14:00
Barium	217			2.30	2.30	mg/kg dry	EPA 6010D	08/17/26 14:00
Beryllium	0.229			0.046	0.046	mg/kg dry	EPA 6010D	08/17/26 14:00
Cadmium	0.469			0.276	0.276	mg/kg dry	EPA 6010D	08/17/26 14:00
Calcium	40000			4.60	4.60	mg/kg dry	EPA 6010D	08/17/26 14:00
Chromium	19.3			0.460	0.460	mg/kg dry	EPA 6010D	08/17/26 14:00
Cobalt	5.80			0.368	0.368	mg/kg dry	EPA 6010D	08/17/26 14:00
Copper	39.6			1.84	1.84	mg/kg dry	EPA 6010D	08/17/26 14:00
Iron	20000			23.0	23.0	mg/kg dry	EPA 6010D	08/17/26 14:00
Lead	347			0.460	0.460	mg/kg dry	EPA 6010D	08/17/26 14:00

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-19 - HD161DPL GSI TP-17-CS-25								
Magnesium	4400			4.60	4.60	mg/kg dry	EPA 6010D	08/17/26 14:00
Manganese	298			0.460	0.460	mg/kg dry	EPA 6010D	08/17/26 14:00
Nickel	23.2			0.916	0.916	mg/kg dry	EPA 6010D	08/17/26 14:00
Potassium	1070			4.60	4.60	mg/kg dry	EPA 6010D	08/17/26 14:00
Sodium	247			46.0	46.0	mg/kg dry	EPA 6010D	08/17/26 14:00
Vanadium	24.4			0.916	0.916	mg/kg dry	EPA 6010D	08/17/26 14:00
Zinc	181			2.29	2.29	mg/kg dry	EPA 6010D	08/17/26 14:00
Lead	0.485			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:44
Mercury	0.849			0.0107	0.0337	mg/kg dry	EPA 7473	08/17/26 13:09
4,4'-DDD [2C]	0.0416		D	0.00352	0.00372	mg/kg dry	EPA 8081B	08/17/26 15:56
4,4'-DDE	0.0126	P	DP	0.00150	0.00186	mg/kg dry	EPA 8081B	08/17/26 15:56
4,4'-DDT	0.00495	P	DP	0.00296	0.00372	mg/kg dry	EPA 8081B	08/17/26 15:56
alpha-Chlordane	0.0263		D	0.00224	0.00372	mg/kg dry	EPA 8081B	08/17/26 15:56
Aroclor 1242	0.0650			0.0186	0.0186	mg/kg dry	EPA 8082A	08/17/26 19:27
Aroclor 1254	0.0861			0.0186	0.0186	mg/kg dry	EPA 8082A	08/17/26 19:27
* Total PCBs	0.151			0.0186	0.0186	mg/kg dry	EPA 8082A	08/17/26 19:27
2-Methylnaphthalene	0.0439	J	J	0.0285	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Acenaphthene	0.355			0.0344	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Acenaphthylene	0.226			0.0297	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Anthracene	0.721			0.0310	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Benzo(a)anthracene	1.93		D	0.152	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
Benzo(a)pyrene	2.14		D	0.172	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
Benzo(b)fluoranthene	1.81		D	0.175	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
Benzo(g,h,i)perylene	1.07			0.0332	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Benzo(k)fluoranthene	1.42			0.0343	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Bis(2-ethylhexyl)phthalate	0.542			0.0401	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Carbazole	0.169			0.0309	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Chrysene	1.76		D	0.149	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
Dibenzo(a,h)anthracene	0.118	CCVE		0.0279	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Dibenzofuran	0.167			0.0307	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Di-n-octyl phthalate	0.118	CAL-E, CCVE		0.0297	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Fluoranthene	4.24		D	0.149	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
Fluorene	0.368			0.0351	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Indeno(1,2,3-cd)pyrene	1.15			0.0360	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Naphthalene	0.0413	J	J	0.0324	0.0929	mg/kg dry	EPA 8270E	08/19/26 18:17
Phenanthrene	1.75		D	0.149	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
Pyrene	3.67		D	0.146	0.464	mg/kg dry	EPA 8270E	08/22/26 20:17
pH	7.72	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:31
* % Solids	89.1		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-20 - HD161DPL GSI TP-17- CS-25-G8								
2-Butanone	0.015			0.0029	0.0058	mg/kg dry	EPA 8260D	08/16/26 3:49
Acetone	0.097	CAL-E, CCVE		0.0058	0.012	mg/kg dry	EPA 8260D	08/16/26 3:49
* % Solids	89.4		B	0.100	0.100	%	SM 2540G	08/14/26 12:30

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-21 - HD161DPL GSI TP-17-CS-26								
* Temperature	21.5	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:32
Aluminum	11300			4.70	4.70	mg/kg dry	EPA 6010D	08/17/26 14:17
Arsenic	10.5			1.41	1.41	mg/kg dry	EPA 6010D	08/17/26 14:17
Barium	162			2.35	2.35	mg/kg dry	EPA 6010D	08/17/26 14:17
Beryllium	0.200			0.047	0.047	mg/kg dry	EPA 6010D	08/17/26 14:17
Cadmium	0.348			0.282	0.282	mg/kg dry	EPA 6010D	08/17/26 14:17
Calcium	10200			4.70	4.70	mg/kg dry	EPA 6010D	08/17/26 14:17
Chromium	42.6			0.470	0.470	mg/kg dry	EPA 6010D	08/17/26 14:17
Cobalt	9.38			0.375	0.375	mg/kg dry	EPA 6010D	08/17/26 14:17
Copper	35.4			1.88	1.88	mg/kg dry	EPA 6010D	08/17/26 14:17
Iron	20900			23.5	23.5	mg/kg dry	EPA 6010D	08/17/26 14:17
Lead	235			0.470	0.470	mg/kg dry	EPA 6010D	08/17/26 14:17
Magnesium	6190			4.70	4.70	mg/kg dry	EPA 6010D	08/17/26 14:17
Manganese	377			0.470	0.470	mg/kg dry	EPA 6010D	08/17/26 14:17
Nickel	43.1			0.936	0.936	mg/kg dry	EPA 6010D	08/17/26 14:17
Potassium	2860			4.70	4.70	mg/kg dry	EPA 6010D	08/17/26 14:17
Sodium	183			47.0	47.0	mg/kg dry	EPA 6010D	08/17/26 14:17
Vanadium	41.6			0.936	0.936	mg/kg dry	EPA 6010D	08/17/26 14:17
Zinc	198			2.34	2.34	mg/kg dry	EPA 6010D	08/17/26 14:17
Lead	0.532			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:46
Mercury	0.826			0.0109	0.0344	mg/kg dry	EPA 7473	08/17/26 13:09
4,4'-DDD [2C]	0.0214		D	0.00359	0.00380	mg/kg dry	EPA 8081B	08/17/26 16:13
4,4'-DDE	0.00932		D	0.00153	0.00190	mg/kg dry	EPA 8081B	08/17/26 16:13
4,4'-DDT	0.00525	P	DP	0.00302	0.00380	mg/kg dry	EPA 8081B	08/17/26 16:13
alpha-Chlordane [2C]	0.0118	P	DP	0.00228	0.00380	mg/kg dry	EPA 8081B	08/17/26 16:13
Aroclor 1242	0.0385			0.0190	0.0190	mg/kg dry	EPA 8082A	08/17/26 19:40
Aroclor 1254	0.0530			0.0190	0.0190	mg/kg dry	EPA 8082A	08/17/26 19:40
* Total PCBs	0.0915			0.0190	0.0190	mg/kg dry	EPA 8082A	08/17/26 19:40
1,1-Biphenyl	0.0418	J	J	0.0393	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
2-Methylnaphthalene	0.157			0.0291	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Acenaphthene	0.897			0.0351	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Acenaphthylene	0.379			0.0303	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Anthracene	2.35		D	0.317	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Benzo(a)anthracene	6.41		D	0.310	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Benzo(a)pyrene	6.50		D	0.350	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Benzo(b)fluoranthene	5.23		D	0.357	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Benzo(g,h,i)perylene	3.00		D	0.339	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Benzo(k)fluoranthene	3.61		D	0.351	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Carbazole	0.288			0.0316	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Chrysene	5.65		D	0.305	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Dibenzo(a,h)anthracene	0.359			0.0285	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Dibenzofuran	0.360			0.0314	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Fluoranthene	13.1		D	0.305	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Fluorene	1.03			0.0359	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-21 - HD161DPL GSI TP-17-CS-26								
Indeno(1,2,3-cd)pyrene	2.96		D	0.368	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Naphthalene	0.0968			0.0331	0.0949	mg/kg dry	EPA 8270E	08/20/26 9:23
Phenanthrene	7.10		D	0.305	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
Pyrene	11.9		D	0.299	0.949	mg/kg dry	EPA 8270E	08/22/26 19:13
pH	7.84	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:32
* % Solids	87.2		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-22 - HD161DPL GSI TP-17- CS-26-G2								
* % Solids	87.1		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-23 - HD161DPL GSI TP-17-CS-27								
* Temperature	21.6	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:33
Aluminum	7920			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:19
Arsenic	5.45			1.42	1.42	mg/kg dry	EPA 6010D	08/17/26 14:19
Barium	149			2.36	2.36	mg/kg dry	EPA 6010D	08/17/26 14:19
Beryllium	0.228			0.048	0.048	mg/kg dry	EPA 6010D	08/17/26 14:19
Cadmium	0.388			0.284	0.284	mg/kg dry	EPA 6010D	08/17/26 14:19
Calcium	11100			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:19
Chromium	15.9			0.473	0.473	mg/kg dry	EPA 6010D	08/17/26 14:19
Cobalt	5.91			0.378	0.378	mg/kg dry	EPA 6010D	08/17/26 14:19
Copper	35.4			1.89	1.89	mg/kg dry	EPA 6010D	08/17/26 14:19
Iron	14300			23.6	23.6	mg/kg dry	EPA 6010D	08/17/26 14:19
Lead	284			0.473	0.473	mg/kg dry	EPA 6010D	08/17/26 14:19
Magnesium	3280			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:19
Manganese	205			0.473	0.473	mg/kg dry	EPA 6010D	08/17/26 14:19
Nickel	26.3			0.942	0.942	mg/kg dry	EPA 6010D	08/17/26 14:19
Potassium	1090			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:19
Sodium	156			47.3	47.3	mg/kg dry	EPA 6010D	08/17/26 14:19
Vanadium	25.0			0.942	0.942	mg/kg dry	EPA 6010D	08/17/26 14:19
Zinc	156			2.35	2.35	mg/kg dry	EPA 6010D	08/17/26 14:19
Barium	0.692			0.023	0.625	mg/L	EPA 6010D/1311	08/17/26 16:47
Lead	0.552			0.113	0.125	mg/L	EPA 6010D/1311	08/17/26 16:47
Mercury	1.09			0.0108	0.0340	mg/kg dry	EPA 7473	08/17/26 13:09
4,4'-DDD [2C]	0.0351		D	0.00356	0.00376	mg/kg dry	EPA 8081B	08/17/26 16:30
4,4'-DDE	0.0111	P	DP	0.00151	0.00188	mg/kg dry	EPA 8081B	08/17/26 16:30
4,4'-DDT	0.00467	P	DP	0.00299	0.00376	mg/kg dry	EPA 8081B	08/17/26 16:30
alpha-Chlordane	0.0210		D	0.00226	0.00376	mg/kg dry	EPA 8081B	08/17/26 16:30
Aroclor 1242	0.0575			0.0188	0.0188	mg/kg dry	EPA 8082A	08/17/26 19:54
Aroclor 1254	0.0551			0.0188	0.0188	mg/kg dry	EPA 8082A	08/17/26 19:54
* Total PCBs	0.113			0.0188	0.0188	mg/kg dry	EPA 8082A	08/17/26 19:54
2-Methylnaphthalene	0.0943			0.0288	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Acenaphthene	0.434			0.0348	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Acenaphthylene	0.191			0.0300	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Anthracene	1.04			0.0314	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Benzo(a)anthracene	2.81		D	0.307	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Benzo(a)pyrene	3.00		D	0.347	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-23 - HD161DPL GSI TP-17-CS-27								
Benzo(b)fluoranthene	2.82		D	0.353	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Benzo(g,h,i)perylene	1.78		D	0.336	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Benzo(k)fluoranthene	2.01		D	0.347	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Carbazole	0.381			0.0313	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Chrysene	2.58		D	0.302	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Dibenzo(a,h)anthracene	0.193			0.0282	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Dibenzofuran	0.270			0.0311	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Fluoranthene	5.96		D	0.302	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Fluorene	0.364			0.0355	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Indeno(1,2,3-cd)pyrene	1.69		D	0.364	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Naphthalene	0.121			0.0328	0.0939	mg/kg dry	EPA 8270E	08/20/26 9:55
Phenanthrene	3.13		D	0.302	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
Pyrene	4.81		D	0.296	0.939	mg/kg dry	EPA 8270E	08/22/26 18:09
pH	7.82	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:33
* % Solids	88.2		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-24 - HD161DPL GSI TP-17- CS-27-G2								
2-Butanone	0.0080			0.0033	0.0067	mg/kg dry	EPA 8260D	08/16/26 4:43
Acetone	0.054	CAL-E, CCVE		0.0067	0.013	mg/kg dry	EPA 8260D	08/16/26 4:43
* % Solids	85.2		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-25 - HD161DPL GSI TP-18-CS-28								
* Temperature	21.5	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:35
Aluminum	8370			4.72	4.72	mg/kg dry	EPA 6010D	08/17/26 14:20
Arsenic	7.14			1.42	1.42	mg/kg dry	EPA 6010D	08/17/26 14:20
Barium	167			2.36	2.36	mg/kg dry	EPA 6010D	08/17/26 14:20
Beryllium	0.293			0.048	0.048	mg/kg dry	EPA 6010D	08/17/26 14:20
Cadmium	0.557			0.283	0.283	mg/kg dry	EPA 6010D	08/17/26 14:20
Calcium	13600			4.72	4.72	mg/kg dry	EPA 6010D	08/17/26 14:20
Chromium	19.6			0.472	0.472	mg/kg dry	EPA 6010D	08/17/26 14:20
Cobalt	20.5			0.377	0.377	mg/kg dry	EPA 6010D	08/17/26 14:20
Copper	66.7			1.89	1.89	mg/kg dry	EPA 6010D	08/17/26 14:20
Iron	18800			23.6	23.6	mg/kg dry	EPA 6010D	08/17/26 14:20
Lead	308			0.472	0.472	mg/kg dry	EPA 6010D	08/17/26 14:20
Magnesium	4750			4.72	4.72	mg/kg dry	EPA 6010D	08/17/26 14:20
Manganese	259			0.472	0.472	mg/kg dry	EPA 6010D	08/17/26 14:20
Nickel	29.9			0.940	0.940	mg/kg dry	EPA 6010D	08/17/26 14:20
Potassium	1040			4.72	4.72	mg/kg dry	EPA 6010D	08/17/26 14:20
Sodium	215			47.2	47.2	mg/kg dry	EPA 6010D	08/17/26 14:20
Vanadium	29.4			0.940	0.940	mg/kg dry	EPA 6010D	08/17/26 14:20
Zinc	285			2.35	2.35	mg/kg dry	EPA 6010D	08/17/26 14:20
Barium	0.715			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:20
Lead	0.348			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:20
Mercury	0.563			0.0108	0.0340	mg/kg dry	EPA 7473	08/17/26 13:09
4,4'-DDD [2C]	0.0197		D	0.00355	0.00375	mg/kg dry	EPA 8081B	08/17/26 16:47

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-25 - HD161DPL GSI TP-18-CS-28								
4,4'-DDE	0.00841		D	0.00151	0.00188	mg/kg dry	EPA 8081B	08/17/26 16:47
4,4'-DDT	0.00489	P	DP	0.00299	0.00375	mg/kg dry	EPA 8081B	08/17/26 16:47
alpha-Chlordane	0.0158		D	0.00226	0.00375	mg/kg dry	EPA 8081B	08/17/26 16:47
Aroclor 1242	0.0382			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 4:26
Aroclor 1254	0.0672			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 4:26
* Total PCBs	0.105			0.0188	0.0188	mg/kg dry	EPA 8082A	08/19/26 4:26
2-Methylnaphthalene	0.0293	J	J	0.0287	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Acenaphthene	0.233			0.0347	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Acenaphthylene	0.0683	J	J	0.0300	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Anthracene	0.468			0.0313	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Benzo(a)anthracene	1.59		E	0.0306	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Benzo(a)pyrene	1.85		E	0.0346	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Benzo(b)fluoranthene	1.67		E	0.0353	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Benzo(g,h,i)perylene	0.979			0.0336	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Benzo(k)fluoranthene	1.16			0.0347	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Carbazole	0.195			0.0312	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Chrysene	1.48			0.0301	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Dibenzo(a,h)anthracene	0.0975			0.0281	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Dibenzofuran	0.0844	J	J	0.0310	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Fluoranthene	3.30		D	0.151	0.469	mg/kg dry	EPA 8270E	08/22/26 19:45
Fluorene	0.152			0.0355	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Indeno(1,2,3-cd)pyrene	0.978			0.0364	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Naphthalene	0.0405	J	J	0.0328	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Phenanthrene	1.72		E	0.0301	0.0938	mg/kg dry	EPA 8270E	08/20/26 10:26
Pyrene	2.57		D	0.148	0.469	mg/kg dry	EPA 8270E	08/22/26 19:45
pH	7.87	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:35
* % Solids	88.3		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-26 - HD161DPL GSI TP-18- CS-28-G6								
2-Butanone	0.013			0.0035	0.0071	mg/kg dry	EPA 8260D	08/16/26 5:10
Acetone	0.090	CAL-E, CCVE		0.0071	0.014	mg/kg dry	EPA 8260D	08/16/26 5:10
* % Solids	87.6		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-27 - HD161DPL GSI TP-18-CS-29								
* Temperature	21.7	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:36
Aluminum	6560			5.10	5.10	mg/kg dry	EPA 6010D	08/17/26 14:22
Arsenic	6.44			1.53	1.53	mg/kg dry	EPA 6010D	08/17/26 14:22
Barium	233			2.55	2.55	mg/kg dry	EPA 6010D	08/17/26 14:22
Beryllium	0.270			0.051	0.051	mg/kg dry	EPA 6010D	08/17/26 14:22
Cadmium	0.806			0.306	0.306	mg/kg dry	EPA 6010D	08/17/26 14:22
Calcium	7240			5.10	5.10	mg/kg dry	EPA 6010D	08/17/26 14:22
Chromium	18.0			0.510	0.510	mg/kg dry	EPA 6010D	08/17/26 14:22
Cobalt	5.41			0.408	0.408	mg/kg dry	EPA 6010D	08/17/26 14:22
Copper	82.7			2.04	2.04	mg/kg dry	EPA 6010D	08/17/26 14:22
Iron	15800			25.5	25.5	mg/kg dry	EPA 6010D	08/17/26 14:22

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-27 - HD161DPL GSI TP-18-CS-29								
Lead	410			0.510	0.510	mg/kg dry	EPA 6010D	08/17/26 14:22
Magnesium	2150			5.10	5.10	mg/kg dry	EPA 6010D	08/17/26 14:22
Manganese	190			0.510	0.510	mg/kg dry	EPA 6010D	08/17/26 14:22
Nickel	24.1			1.02	1.02	mg/kg dry	EPA 6010D	08/17/26 14:22
Potassium	883			5.10	5.10	mg/kg dry	EPA 6010D	08/17/26 14:22
Silver	0.694			0.514	0.514	mg/kg dry	EPA 6010D	08/17/26 14:22
Sodium	226			51.0	51.0	mg/kg dry	EPA 6010D	08/17/26 14:22
Vanadium	33.0			1.02	1.02	mg/kg dry	EPA 6010D	08/17/26 14:22
Zinc	267			2.54	2.54	mg/kg dry	EPA 6010D	08/17/26 14:22
Barium	0.885			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:22
Lead	1.09			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:22
Mercury	1.08			0.0116	0.0367	mg/kg dry	EPA 7473	08/18/26 12:07
4,4'-DDD [2C]	0.0216		D	0.00384	0.00405	mg/kg dry	EPA 8081B	08/17/26 17:04
4,4'-DDE	0.00621		D	0.00163	0.00203	mg/kg dry	EPA 8081B	08/17/26 17:04
alpha-Chlordane	0.00759		D	0.00244	0.00405	mg/kg dry	EPA 8081B	08/17/26 17:04
Aroclor 1242	0.0431			0.0203	0.0203	mg/kg dry	EPA 8082A	08/17/26 20:21
Aroclor 1254	0.0445			0.0203	0.0203	mg/kg dry	EPA 8082A	08/17/26 20:21
Aroclor 1268	0.0272			0.0203	0.0203	mg/kg dry	EPA 8082A	08/17/26 20:21
* Total PCBs	0.115			0.0203	0.0203	mg/kg dry	EPA 8082A	08/17/26 20:21
Acenaphthene	0.0523	J	J	0.0375	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Anthracene	0.103			0.0338	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Benzo(a)anthracene	0.360			0.0331	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Benzo(a)pyrene	0.388			0.0374	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Benzo(b)fluoranthene	0.329			0.0381	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Benzo(g,h,i)perylene	0.229			0.0362	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Benzo(k)fluoranthene	0.269			0.0374	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Carbazole	0.0417	J	J	0.0337	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Chrysene	0.325			0.0325	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Di-n-butyl phthalate	0.143			0.0426	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Fluoranthene	0.749			0.0326	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Fluorene	0.0385	J	J	0.0383	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Indeno(1,2,3-cd)pyrene	0.222			0.0393	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Phenanthrene	0.366			0.0326	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
Pyrene	0.670			0.0319	0.101	mg/kg dry	EPA 8270E	08/20/26 10:57
pH	8.04	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:36
* % Solids	81.7		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-28 - HD161DPL GSI TP-18- CS-29-G7								
2-Butanone	0.0060			0.0027	0.0055	mg/kg dry	EPA 8260D	08/16/26 5:37
Acetone	0.039	CCVE, CAL-E		0.0055	0.011	mg/kg dry	EPA 8260D	08/16/26 5:37
* % Solids	86.9		B	0.100	0.100	%	SM 2540G	08/14/26 12:30
26H0685-29 - HD161DPL GSI TP-19-CS-30								
* Temperature	21.8	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:37
Aluminum	7100			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 14:23

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-29 - HD161DPL GSI TP-19-CS-30								
Arsenic	3.80			1.39	1.39	mg/kg dry	EPA 6010D	08/17/26 14:23
Barium	71.7			2.31	2.31	mg/kg dry	EPA 6010D	08/17/26 14:23
Beryllium	0.220			0.047	0.047	mg/kg dry	EPA 6010D	08/17/26 14:23
Calcium	3300			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 14:23
Chromium	16.0			0.463	0.463	mg/kg dry	EPA 6010D	08/17/26 14:23
Cobalt	7.06			0.369	0.369	mg/kg dry	EPA 6010D	08/17/26 14:23
Copper	24.8			1.85	1.85	mg/kg dry	EPA 6010D	08/17/26 14:23
Iron	13000			23.1	23.1	mg/kg dry	EPA 6010D	08/17/26 14:23
Lead	93.7			0.463	0.463	mg/kg dry	EPA 6010D	08/17/26 14:23
Magnesium	3180			4.63	4.63	mg/kg dry	EPA 6010D	08/17/26 14:23
Manganese	266			0.463	0.463	mg/kg dry	EPA 6010D	08/17/26 14:23
Nickel	44.2			0.921	0.921	mg/kg dry	EPA 6010D	08/17/26 14:23
Potassium	1090			4.63	4.63	mg/kg dry	EPA 6010D	08/17/26 14:23
Sodium	125			46.2	46.2	mg/kg dry	EPA 6010D	08/17/26 14:23
Vanadium	22.5			0.921	0.921	mg/kg dry	EPA 6010D	08/17/26 14:23
Zinc	73.3			2.30	2.30	mg/kg dry	EPA 6010D	08/17/26 14:23
Barium	0.740			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:23
Lead	0.170			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:23
Mercury	0.585			0.0105	0.0333	mg/kg dry	EPA 7473	08/17/26 17:16
4,4'-DDD [2C]	0.00552		D	0.00348	0.00367	mg/kg dry	EPA 8081B	08/17/26 17:21
alpha-Chlordane [2C]	0.00444	P	DP	0.00221	0.00367	mg/kg dry	EPA 8081B	08/17/26 17:21
Aroclor 1254	0.0254			0.0184	0.0184	mg/kg dry	EPA 8082A	08/17/26 20:35
* Total PCBs	0.0254			0.0184	0.0184	mg/kg dry	EPA 8082A	08/17/26 20:35
Anthracene	0.0459	J	J	0.0307	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Benzo(a)anthracene	0.240			0.0300	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Benzo(a)pyrene	0.292			0.0339	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Benzo(b)fluoranthene	0.264			0.0345	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Benzo(g,h,i)perylene	0.169			0.0328	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Benzo(k)fluoranthene	0.184			0.0339	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Chrysene	0.224			0.0295	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Fluoranthene	0.391			0.0295	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Indeno(1,2,3-cd)pyrene	0.168			0.0356	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Phenanthrene	0.165			0.0295	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
Pyrene	0.350			0.0289	0.0918	mg/kg dry	EPA 8270E	08/20/26 11:29
pH	8.20	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:37
* % Solids	90.2		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-30 - HD161DPL GSI TP-19- CS-30-G4								
* % Solids	91.4		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-31 - HD161DPL GSI TP-19-CS-31								
* Temperature	21.8	Z-01		1.00	1.00	°C	EPA 170.1	08/15/26 13:38
Aluminum	6110			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:25
Arsenic	8.29			1.42	1.42	mg/kg dry	EPA 6010D	08/17/26 14:25
Barium	340			2.36	2.36	mg/kg dry	EPA 6010D	08/17/26 14:25
Beryllium	0.351			0.048	0.048	mg/kg dry	EPA 6010D	08/17/26 14:25

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-31 - HD161DPL GSI TP-19-CS-31								
Cadmium	1.11			0.284	0.284	mg/kg dry	EPA 6010D	08/17/26 14:25
Calcium	10000			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:25
Chromium	28.8			0.473	0.473	mg/kg dry	EPA 6010D	08/17/26 14:25
Cobalt	68.6			0.378	0.378	mg/kg dry	EPA 6010D	08/17/26 14:25
Copper	194			1.89	1.89	mg/kg dry	EPA 6010D	08/17/26 14:25
Iron	22200			23.6	23.6	mg/kg dry	EPA 6010D	08/17/26 14:25
Lead	377			0.473	0.473	mg/kg dry	EPA 6010D	08/17/26 14:25
Magnesium	2860			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:25
Manganese	169			0.473	0.473	mg/kg dry	EPA 6010D	08/17/26 14:25
Nickel	21.3			0.941	0.941	mg/kg dry	EPA 6010D	08/17/26 14:25
Potassium	758			4.73	4.73	mg/kg dry	EPA 6010D	08/17/26 14:25
Silver	0.832			0.476	0.476	mg/kg dry	EPA 6010D	08/17/26 14:25
Sodium	208			47.3	47.3	mg/kg dry	EPA 6010D	08/17/26 14:25
Vanadium	23.6			0.941	0.941	mg/kg dry	EPA 6010D	08/17/26 14:25
Zinc	656			2.35	2.35	mg/kg dry	EPA 6010D	08/17/26 14:25
Barium	1.34			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:25
Lead	62.0			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:25
Mercury	0.853			0.0108	0.0340	mg/kg dry	EPA 7473	08/17/26 17:17
4,4'-DDD	0.00995		D	0.00356	0.00376	mg/kg dry	EPA 8081B	08/16/26 16:36
4,4'-DDE	0.00279		D	0.00151	0.00188	mg/kg dry	EPA 8081B	08/16/26 16:36
Aroclor 1260	0.0219			0.0188	0.0188	mg/kg dry	EPA 8082A	08/16/26 19:29
* Total PCBs	0.0219			0.0188	0.0188	mg/kg dry	EPA 8082A	08/16/26 19:29
Acenaphthene	0.0522	J	J	0.0348	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Anthracene	0.125			0.0314	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Benzo(a)anthracene	0.405			0.0307	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Benzo(a)pyrene	0.455			0.0347	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Benzo(b)fluoranthene	0.383			0.0353	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Benzo(g,h,i)perylene	0.242			0.0336	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Benzo(k)fluoranthene	0.277			0.0347	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Benzyl butyl phthalate	1.80			0.0410	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Carbazole	0.0515	J	J	0.0313	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Chrysene	0.371			0.0302	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Di-n-butyl phthalate	0.284			0.0395	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Fluoranthene	0.795			0.0302	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Fluorene	0.0488	J	J	0.0355	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Indeno(1,2,3-cd)pyrene	0.230			0.0364	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Phenanthrene	0.465			0.0302	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
Pyrene	0.711			0.0296	0.0939	mg/kg dry	EPA 8270E	08/20/26 12:00
pH	7.89	HT-pH		0.500	0.500	pH units	EPA 9045D	08/15/26 13:38
* % Solids	88.2		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-32 - HD161DPL GSI TP-19- CS-31-G5								
2-Butanone	0.020			0.0035	0.0071	mg/kg dry	EPA 8260D	08/16/26 6:31
Acetone	0.091	CAL-E, CCVE		0.0071	0.014	mg/kg dry	EPA 8260D	08/16/26 6:31

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-32 - HD161DPL GSI TP-19- CS-31-G5								
* % Solids	85.7		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-33 - HD161DPL GSI TP-20-CS-32								
* Temperature	22.3	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:40
Aluminum	7590			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 14:26
Arsenic	5.72			1.39	1.39	mg/kg dry	EPA 6010D	08/17/26 14:26
Barium	315			2.31	2.31	mg/kg dry	EPA 6010D	08/17/26 14:26
Beryllium	0.249			0.047	0.047	mg/kg dry	EPA 6010D	08/17/26 14:26
Cadmium	0.665			0.277	0.277	mg/kg dry	EPA 6010D	08/17/26 14:26
Calcium	4350			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 14:26
Chromium	20.1			0.462	0.462	mg/kg dry	EPA 6010D	08/17/26 14:26
Cobalt	6.27			0.369	0.369	mg/kg dry	EPA 6010D	08/17/26 14:26
Copper	69.1			1.85	1.85	mg/kg dry	EPA 6010D	08/17/26 14:26
Iron	17400			23.1	23.1	mg/kg dry	EPA 6010D	08/17/26 14:26
Lead	266			0.462	0.462	mg/kg dry	EPA 6010D	08/17/26 14:26
Magnesium	3080			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 14:26
Manganese	214			0.462	0.462	mg/kg dry	EPA 6010D	08/17/26 14:26
Nickel	52.0			0.920	0.920	mg/kg dry	EPA 6010D	08/17/26 14:26
Potassium	981			4.62	4.62	mg/kg dry	EPA 6010D	08/17/26 14:26
Silver	0.582			0.466	0.466	mg/kg dry	EPA 6010D	08/17/26 14:26
Sodium	176			46.2	46.2	mg/kg dry	EPA 6010D	08/17/26 14:26
Vanadium	30.2			0.920	0.920	mg/kg dry	EPA 6010D	08/17/26 14:26
Zinc	226			2.30	2.30	mg/kg dry	EPA 6010D	08/17/26 14:26
Barium	1.19			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:26
Lead	1.45			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:26
Mercury	0.732			0.0107	0.0338	mg/kg dry	EPA 7473	08/17/26 17:17
4,4'-DDD	0.00863		D	0.00354	0.00373	mg/kg dry	EPA 8081B	08/17/26 15:09
4,4'-DDE	0.00344	P	DP	0.00150	0.00187	mg/kg dry	EPA 8081B	08/17/26 15:09
4,4'-DDT	0.00427		D	0.00297	0.00373	mg/kg dry	EPA 8081B	08/17/26 15:09
Aroclor 1260	0.0271			0.0187	0.0187	mg/kg dry	EPA 8082A	08/16/26 19:42
Aroclor 1268	0.0245			0.0187	0.0187	mg/kg dry	EPA 8082A	08/16/26 19:42
* Total PCBs	0.0516			0.0187	0.0187	mg/kg dry	EPA 8082A	08/16/26 19:42
Acenaphthylene	0.0399	J	J	0.0298	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Anthracene	0.0903	J	J	0.0312	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Benzo(a)anthracene	0.366			0.0305	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Benzo(a)pyrene	0.420			0.0344	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Benzo(b)fluoranthene	0.378			0.0351	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Benzo(g,h,i)perylene	0.235			0.0334	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Benzo(k)fluoranthene	0.281			0.0345	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Carbazole	0.0358	J	J	0.0311	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Chrysene	0.345			0.0300	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Fluoranthene	0.680			0.0300	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Indeno(1,2,3-cd)pyrene	0.230			0.0362	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Phenanthrene	0.329			0.0300	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32
Pyrene	0.598			0.0294	0.0933	mg/kg dry	EPA 8270E	08/20/26 12:32

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-33 - HD161DPL GSI TP-20-CS-32								
pH	7.61	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:40
* % Solids	88.7		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-34 - HD161DPL GSI TP-20- CS-32-G3								
2-Butanone	0.028			0.0036	0.0072	mg/kg dry	EPA 8260D	08/16/26 6:59
Acetone	0.15	CAL-E, CCVE		0.0072	0.014	mg/kg dry	EPA 8260D	08/16/26 6:59
* % Solids	85.9		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-35 - HD161DPL GSI TP-20-CS-33								
* Temperature	22.2	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:49
Aluminum	6000			4.86	4.86	mg/kg dry	EPA 6010D	08/17/26 14:28
Arsenic	6.07			1.46	1.46	mg/kg dry	EPA 6010D	08/17/26 14:28
Barium	196			2.43	2.43	mg/kg dry	EPA 6010D	08/17/26 14:28
Beryllium	0.192			0.049	0.049	mg/kg dry	EPA 6010D	08/17/26 14:28
Cadmium	0.778			0.292	0.292	mg/kg dry	EPA 6010D	08/17/26 14:28
Calcium	8140			4.86	4.86	mg/kg dry	EPA 6010D	08/17/26 14:28
Chromium	18.2			0.486	0.486	mg/kg dry	EPA 6010D	08/17/26 14:28
Cobalt	5.34			0.388	0.388	mg/kg dry	EPA 6010D	08/17/26 14:28
Copper	74.2			1.94	1.94	mg/kg dry	EPA 6010D	08/17/26 14:28
Iron	18000			24.3	24.3	mg/kg dry	EPA 6010D	08/17/26 14:28
Lead	402			0.486	0.486	mg/kg dry	EPA 6010D	08/17/26 14:28
Magnesium	2660			4.86	4.86	mg/kg dry	EPA 6010D	08/17/26 14:28
Manganese	238			0.486	0.486	mg/kg dry	EPA 6010D	08/17/26 14:28
Nickel	23.7			0.968	0.968	mg/kg dry	EPA 6010D	08/17/26 14:28
Potassium	788			4.86	4.86	mg/kg dry	EPA 6010D	08/17/26 14:28
Silver	0.593			0.490	0.490	mg/kg dry	EPA 6010D	08/17/26 14:28
Sodium	187			48.6	48.6	mg/kg dry	EPA 6010D	08/17/26 14:28
Vanadium	21.7			0.968	0.968	mg/kg dry	EPA 6010D	08/17/26 14:28
Zinc	243			2.42	2.42	mg/kg dry	EPA 6010D	08/17/26 14:28
Barium	1.13			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:28
Lead	0.865			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:28
Mercury	0.569			0.0109	0.0344	mg/kg dry	EPA 7473	08/17/26 17:17
4,4'-DDD	0.0121		D	0.00360	0.00380	mg/kg dry	EPA 8081B	08/17/26 15:27
4,4'-DDE	0.00582	P	DP	0.00153	0.00190	mg/kg dry	EPA 8081B	08/17/26 15:27
4,4'-DDT	0.00480		D	0.00302	0.00380	mg/kg dry	EPA 8081B	08/17/26 15:27
alpha-Chlordane	0.00709		D	0.00228	0.00380	mg/kg dry	EPA 8081B	08/17/26 15:27
Aroclor 1260	0.0463			0.0190	0.0190	mg/kg dry	EPA 8082A	08/16/26 19:56
Aroclor 1268	0.0363			0.0190	0.0190	mg/kg dry	EPA 8082A	08/16/26 19:56
* Total PCBs	0.0826			0.0190	0.0190	mg/kg dry	EPA 8082A	08/16/26 19:56
1,1-Biphenyl	0.424			0.0393	0.0949	mg/kg dry	EPA 8270E	08/20/26 13:04
2-Methylnaphthalene	3.00		D	0.291	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
3,3-Dichlorobenzidine	0.208	ICVE		0.0291	0.0949	mg/kg dry	EPA 8270E	08/20/26 13:04
Acenaphthene	2.45		D	0.352	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Acenaphthylene	1.01			0.0303	0.0949	mg/kg dry	EPA 8270E	08/20/26 13:04
Anthracene	8.20		D	0.317	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-35 - HD161DPL GSI TP-20-CS-33								
Benzo(a)anthracene	9.66		D	0.310	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Benzo(a)pyrene	8.28		D	0.350	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Benzo(b)fluoranthene	6.46		D	0.357	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Benzo(g,h,i)perylene	3.72		D	0.340	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Benzo(k)fluoranthene	5.04		D	0.351	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Carbazole	2.01		D	0.316	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Chrysene	8.64		D	0.305	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Dibenzo(a,h)anthracene	0.315			0.0285	0.0949	mg/kg dry	EPA 8270E	08/20/26 13:04
Dibenzofuran	2.79		D	0.314	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Fluoranthene	26.4		D	1.53	4.75	mg/kg dry	EPA 8270E	08/22/26 16:33
Fluorene	6.10		D	0.359	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Indeno(1,2,3-cd)pyrene	3.58		D	0.368	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Naphthalene	3.57		D	0.332	0.949	mg/kg dry	EPA 8270E	08/22/26 17:05
Phenanthrene	43.0		D	1.53	4.75	mg/kg dry	EPA 8270E	08/22/26 16:33
Pyrene	22.0		D	1.50	4.75	mg/kg dry	EPA 8270E	08/22/26 16:33
pH	7.71	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:49
* % Solids	87.2		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-36 - HD161DPL GSI TP-20- CS-33-G1								
2-Butanone	0.023			0.0031	0.0062	mg/kg dry	EPA 8260D	08/16/26 7:26
Acetone	0.13	CAL-E, CCVE		0.0062	0.012	mg/kg dry	EPA 8260D	08/16/26 7:26
* % Solids	88.3		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-37 - HD161DPL GSI TP-21-CS-34								
* Temperature	22.0	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:50
Aluminum	4280			4.38	4.38	mg/kg dry	EPA 6010D	08/17/26 14:29
Arsenic	3.26			1.31	1.31	mg/kg dry	EPA 6010D	08/17/26 14:29
Barium	93.5			2.19	2.19	mg/kg dry	EPA 6010D	08/17/26 14:29
Beryllium	0.117			0.044	0.044	mg/kg dry	EPA 6010D	08/17/26 14:29
Cadmium	0.727			0.263	0.263	mg/kg dry	EPA 6010D	08/17/26 14:29
Calcium	1870			4.38	4.38	mg/kg dry	EPA 6010D	08/17/26 14:29
Chromium	32.2			0.438	0.438	mg/kg dry	EPA 6010D	08/17/26 14:29
Cobalt	5.14			0.350	0.350	mg/kg dry	EPA 6010D	08/17/26 14:29
Copper	49.1			1.75	1.75	mg/kg dry	EPA 6010D	08/17/26 14:29
Iron	9790			21.9	21.9	mg/kg dry	EPA 6010D	08/17/26 14:29
Lead	146			0.438	0.438	mg/kg dry	EPA 6010D	08/17/26 14:29
Magnesium	1780			4.38	4.38	mg/kg dry	EPA 6010D	08/17/26 14:29
Manganese	145			0.438	0.438	mg/kg dry	EPA 6010D	08/17/26 14:29
Nickel	77.3			0.873	0.873	mg/kg dry	EPA 6010D	08/17/26 14:29
Potassium	665			4.38	4.38	mg/kg dry	EPA 6010D	08/17/26 14:29
Sodium	102			43.8	43.8	mg/kg dry	EPA 6010D	08/17/26 14:29
Vanadium	15.6			0.873	0.873	mg/kg dry	EPA 6010D	08/17/26 14:29
Zinc	122			2.18	2.18	mg/kg dry	EPA 6010D	08/17/26 14:29
Barium	0.755			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:29
Lead	0.290			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:29

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-37 - HD161DPL GSI TP-21-CS-34								
Mercury	0.376			0.0103	0.0326	mg/kg dry	EPA 7473	08/17/26 17:17
* Total PCBs	0.0299			0.0180	0.0180	mg/kg dry	EPA 8082A	08/16/26 20:10
2-Methylnaphthalene	0.0389	J	J	0.0276	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Acenaphthene	0.0831	J	J	0.0333	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Acenaphthylene	0.0414	J	J	0.0288	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Anthracene	0.197			0.0301	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Benzo(a)anthracene	0.560			0.0294	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Benzo(a)pyrene	0.622			0.0332	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Benzo(b)fluoranthene	0.534			0.0338	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Benzo(g,h,i)perylene	0.323			0.0322	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Benzo(k)fluoranthene	0.429			0.0332	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Carbazole	0.0943			0.0299	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Chrysene	0.542			0.0289	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Dibenzo(a,h)anthracene	0.0331	J	J	0.0270	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Dibenzofuran	0.0543	J	J	0.0298	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Fluoranthene	1.34			0.0289	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Fluorene	0.0853	J	J	0.0340	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Indeno(1,2,3-cd)pyrene	0.326			0.0349	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Naphthalene	0.0601	J	J	0.0314	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Phenanthrene	1.10			0.0289	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
Pyrene	1.09			0.0284	0.0899	mg/kg dry	EPA 8270E	08/20/26 13:36
pH	7.51	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:50
* % Solids	92.0		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-38 - HD161DPL GSI TP-21- CS-34-G8								
* % Solids	94.7		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-39 - HD161DPL GSI TP-21-CS-35								
* Temperature	22.2	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:52
Aluminum	4140			4.86	4.86	mg/kg dry	EPA 6010D	08/17/26 14:31
Arsenic	3.93			1.46	1.46	mg/kg dry	EPA 6010D	08/17/26 14:31
Barium	172			2.43	2.43	mg/kg dry	EPA 6010D	08/17/26 14:31
Beryllium	0.188			0.049	0.049	mg/kg dry	EPA 6010D	08/17/26 14:31
Cadmium	0.506			0.292	0.292	mg/kg dry	EPA 6010D	08/17/26 14:31
Calcium	2440			4.86	4.86	mg/kg dry	EPA 6010D	08/17/26 14:31
Chromium	16.3			0.487	0.487	mg/kg dry	EPA 6010D	08/17/26 14:31
Cobalt	4.53			0.389	0.389	mg/kg dry	EPA 6010D	08/17/26 14:31
Copper	71.0			1.95	1.95	mg/kg dry	EPA 6010D	08/17/26 14:31
Iron	10500			24.3	24.3	mg/kg dry	EPA 6010D	08/17/26 14:31
Lead	263			0.487	0.487	mg/kg dry	EPA 6010D	08/17/26 14:31
Magnesium	1700			4.87	4.87	mg/kg dry	EPA 6010D	08/17/26 14:31
Manganese	123			0.487	0.487	mg/kg dry	EPA 6010D	08/17/26 14:31
Nickel	20.6			0.969	0.969	mg/kg dry	EPA 6010D	08/17/26 14:31
Potassium	581			4.87	4.87	mg/kg dry	EPA 6010D	08/17/26 14:31
Sodium	96.1			48.6	48.6	mg/kg dry	EPA 6010D	08/17/26 14:31
Vanadium	16.9			0.969	0.969	mg/kg dry	EPA 6010D	08/17/26 14:31

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-39 - HD161DPL GSI TP-21-CS-35								
Zinc	248			2.42	2.42	mg/kg dry	EPA 6010D	08/17/26 14:31
Barium	0.902			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:41
Lead	0.645			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:41
Mercury	0.434			0.0111	0.0350	mg/kg dry	EPA 7473	08/17/26 17:18
4,4'-DDD	0.00681		D	0.00366	0.00387	mg/kg dry	EPA 8081B	08/17/26 15:44
4,4'-DDE	0.00238	P	DP	0.00156	0.00193	mg/kg dry	EPA 8081B	08/17/26 15:44
Acenaphthene	0.0506	J	J	0.0358	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Acenaphthylene	0.0483	J	J	0.0309	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Anthracene	0.122			0.0323	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Benzo(a)anthracene	0.444			0.0316	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Benzo(a)pyrene	0.558			0.0357	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Benzo(b)fluoranthene	0.479			0.0363	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Benzo(g,h,i)perylene	0.297			0.0346	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Benzo(k)fluoranthene	0.372			0.0357	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Carbazole	0.0584	J	J	0.0322	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Chrysene	0.422			0.0310	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Dibenzo(a,h)anthracene	0.0336	J	J	0.0290	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Fluoranthene	0.940			0.0311	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Fluorene	0.0472	J	J	0.0365	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Indeno(1,2,3-cd)pyrene	0.302			0.0375	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Naphthalene	0.0375	J	J	0.0337	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Phenanthrene	0.574			0.0311	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
Pyrene	0.752			0.0305	0.0966	mg/kg dry	EPA 8270E	08/20/26 14:08
pH	7.59	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:52
* % Solids	85.7		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-40 - HD161DPL GSI TP-21- CS-35-G4								
* % Solids	92.1		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-41 - HD161DPL GSI TP-21-CS-36								
* Temperature	22.1	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:53
Aluminum	2840			4.45	4.45	mg/kg dry	EPA 6010D	08/17/26 14:41
Arsenic	2.12			1.34	1.34	mg/kg dry	EPA 6010D	08/17/26 14:41
Barium	49.0			2.22	2.22	mg/kg dry	EPA 6010D	08/17/26 14:41
Calcium	1500			4.45	4.45	mg/kg dry	EPA 6010D	08/17/26 14:41
Chromium	8.44			0.446	0.446	mg/kg dry	EPA 6010D	08/17/26 14:41
Cobalt	2.48			0.356	0.356	mg/kg dry	EPA 6010D	08/17/26 14:41
Copper	19.7			1.78	1.78	mg/kg dry	EPA 6010D	08/17/26 14:41
Iron	6670			22.3	22.3	mg/kg dry	EPA 6010D	08/17/26 14:41
Lead	123			0.446	0.446	mg/kg dry	EPA 6010D	08/17/26 14:41
Magnesium	1160			4.46	4.46	mg/kg dry	EPA 6010D	08/17/26 14:41
Manganese	76.5			0.446	0.446	mg/kg dry	EPA 6010D	08/17/26 14:41
Nickel	8.81			0.887	0.887	mg/kg dry	EPA 6010D	08/17/26 14:41
Potassium	656			4.46	4.46	mg/kg dry	EPA 6010D	08/17/26 14:41
Sodium	72.1			44.5	44.5	mg/kg dry	EPA 6010D	08/17/26 14:41
Vanadium	14.0			0.887	0.887	mg/kg dry	EPA 6010D	08/17/26 14:41

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-41 - HD161DPL GSI TP-21-CS-36								
Zinc	57.5			2.22	2.22	mg/kg dry	EPA 6010D	08/17/26 14:41
Lead	1.71			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:43
Mercury	0.0935			0.0102	0.0321	mg/kg dry	EPA 7473	08/17/26 17:18
Benzo(a)anthracene	0.0782	J	J	0.0289	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Benzo(a)pyrene	0.104			0.0326	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Benzo(b)fluoranthene	0.0860	J	J	0.0333	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Benzo(g,h,i)perylene	0.0566	J	J	0.0316	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Benzo(k)fluoranthene	0.0669	J	J	0.0327	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Chrysene	0.0757	J	J	0.0284	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Fluoranthene	0.143			0.0285	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Indeno(1,2,3-cd)pyrene	0.0555	J	J	0.0343	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Phenanthrene	0.0651	J	J	0.0284	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
Pyrene	0.128			0.0279	0.0884	mg/kg dry	EPA 8270E	08/20/26 14:40
pH	7.80	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:53
* % Solids	93.6		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-42 - HD161DPL GSI TP-21- CS-36-G1								
* % Solids	94.6		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-43 - HD161DPL GSI TP-26-CS-37								
* Temperature	22.4	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:54
Aluminum	6920			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 11:47
Arsenic	4.55			1.35	1.35	mg/kg dry	EPA 6010D	08/18/26 11:47
Barium	82.3			2.25	2.25	mg/kg dry	EPA 6010D	08/18/26 11:47
Beryllium	3.01			0.045	0.045	mg/kg dry	EPA 6010D	08/18/26 11:47
Cadmium	0.639			0.270	0.270	mg/kg dry	EPA 6010D	08/18/26 11:47
Calcium	8350			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 11:47
Chromium	17.3			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 11:47
Cobalt	7.89			0.360	0.360	mg/kg dry	EPA 6010D	08/18/26 11:47
Copper	31.9			1.80	1.80	mg/kg dry	EPA 6010D	08/18/26 11:47
Iron	13100			22.5	22.5	mg/kg dry	EPA 6010D	08/18/26 11:47
Lead	117			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 11:47
Magnesium	3060			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 11:47
Manganese	392			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 11:47
Nickel	44.4			0.897	0.897	mg/kg dry	EPA 6010D	08/18/26 11:47
Potassium	1110			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 11:47
Sodium	121			45.0	45.0	mg/kg dry	EPA 6010D	08/18/26 11:47
Vanadium	24.3			0.897	0.897	mg/kg dry	EPA 6010D	08/18/26 11:47
Zinc	128			2.24	2.24	mg/kg dry	EPA 6010D	08/18/26 11:47
Barium	0.822			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:50
Lead	0.245			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:50
Mercury	1.40			0.0106	0.0335	mg/kg dry	EPA 7473	08/17/26 17:18
4,4'-DDD [2C]	0.00525	P	DP	0.00350	0.00370	mg/kg dry	EPA 8081B	08/16/26 18:52
Aroclor 1254	0.0248			0.0185	0.0185	mg/kg dry	EPA 8082A	08/16/26 20:51
* Total PCBs	0.0248			0.0185	0.0185	mg/kg dry	EPA 8082A	08/16/26 20:51
Acenaphthene	0.0724	J	J	0.0342	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-43 - HD161DPL GSI TP-26-CS-37								
Acenaphthylene	0.0340	J	J	0.0295	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Anthracene	0.195			0.0309	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Benzo(a)anthracene	0.604			0.0302	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Benzo(a)pyrene	0.611			0.0341	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Benzo(b)fluoranthene	0.517			0.0347	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Benzo(g,h,i)perylene	0.282			0.0331	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Benzo(k)fluoranthene	0.404			0.0341	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Carbazole	0.0835	J	J	0.0308	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Chrysene	0.513			0.0297	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Dibenzo(a,h)anthracene	0.0303	J	J	0.0277	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Dibenzofuran	0.0388	J	J	0.0306	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Fluoranthene	1.33			0.0297	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Fluorene	0.0688	J	J	0.0349	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Indeno(1,2,3-cd)pyrene	0.296			0.0358	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Phenanthrene	0.788			0.0297	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
Pyrene	1.01			0.0291	0.0924	mg/kg dry	EPA 8270E	08/20/26 15:12
pH	8.00	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:54
* % Solids	89.6		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-44 - HD161DPL GSI TP-26- CS-37-G8								
2-Butanone	0.013			0.0031	0.0062	mg/kg dry	EPA 8260D	08/17/26 19:01
Acetone	0.061	CCVE		0.0062	0.012	mg/kg dry	EPA 8260D	08/17/26 19:01
* % Solids	81.7		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-45 - HD161DPL GSI TP-26-CS-38								
* Temperature	22.4	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 13:58
Aluminum	6330			4.65	4.65	mg/kg dry	EPA 6010D	08/18/26 11:49
Arsenic	5.78			1.39	1.39	mg/kg dry	EPA 6010D	08/18/26 11:49
Barium	189			2.32	2.32	mg/kg dry	EPA 6010D	08/18/26 11:49
Beryllium	0.245			0.047	0.047	mg/kg dry	EPA 6010D	08/18/26 11:49
Cadmium	0.799			0.279	0.279	mg/kg dry	EPA 6010D	08/18/26 11:49
Calcium	11500			4.65	4.65	mg/kg dry	EPA 6010D	08/18/26 11:49
Chromium	19.8			0.465	0.465	mg/kg dry	EPA 6010D	08/18/26 11:49
Cobalt	5.92			0.371	0.371	mg/kg dry	EPA 6010D	08/18/26 11:49
Copper	63.9			1.86	1.86	mg/kg dry	EPA 6010D	08/18/26 11:49
Iron	13500			23.2	23.2	mg/kg dry	EPA 6010D	08/18/26 11:49
Lead	264			0.465	0.465	mg/kg dry	EPA 6010D	08/18/26 11:49
Magnesium	3670			4.65	4.65	mg/kg dry	EPA 6010D	08/18/26 11:49
Manganese	199			0.465	0.465	mg/kg dry	EPA 6010D	08/18/26 11:49
Nickel	34.1			0.926	0.926	mg/kg dry	EPA 6010D	08/18/26 11:49
Potassium	886			4.65	4.65	mg/kg dry	EPA 6010D	08/18/26 11:49
Silver	0.521			0.468	0.468	mg/kg dry	EPA 6010D	08/18/26 11:49
Sodium	137			46.5	46.5	mg/kg dry	EPA 6010D	08/18/26 11:49
Vanadium	24.3			0.926	0.926	mg/kg dry	EPA 6010D	08/18/26 11:49
Zinc	238			2.31	2.31	mg/kg dry	EPA 6010D	08/18/26 11:49
Barium	1.14			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:51

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-45 - HD161DPL GSI TP-26-CS-38								
Lead	0.442			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:51
Mercury	1.12			0.0109	0.0346	mg/kg dry	EPA 7473	08/17/26 17:18
4,4'-DDD	0.0121		D	0.00361	0.00382	mg/kg dry	EPA 8081B	08/17/26 16:18
4,4'-DDE	0.00498	P	DP	0.00154	0.00191	mg/kg dry	EPA 8081B	08/17/26 16:18
alpha-Chlordane	0.00755		D	0.00230	0.00382	mg/kg dry	EPA 8081B	08/17/26 16:18
Aroclor 1254	0.0367			0.0191	0.0191	mg/kg dry	EPA 8082A	08/16/26 21:05
* Total PCBs	0.0367			0.0191	0.0191	mg/kg dry	EPA 8082A	08/16/26 21:05
Acenaphthene	0.0420	J	J	0.0353	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Anthracene	0.0950	J	J	0.0319	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Benzo(a)anthracene	0.379			0.0312	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Benzo(a)pyrene	0.389			0.0352	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Benzo(b)fluoranthene	0.337			0.0359	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Benzo(g,h,i)perylene	0.205			0.0341	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Benzo(k)fluoranthene	0.267			0.0353	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Carbazole	0.0424	J	J	0.0318	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Chrysene	0.352			0.0307	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Fluoranthene	0.790			0.0307	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Fluorene	0.0378	J	J	0.0361	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Indeno(1,2,3-cd)pyrene	0.202			0.0370	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Phenanthrene	0.410			0.0307	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
Pyrene	0.673			0.0301	0.0954	mg/kg dry	EPA 8270E	08/20/26 15:43
pH	7.87	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 13:58
* % Solids	86.8		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-46 - HD161DPL GSI TP-26- CS-38-G7								
2-Butanone	0.0079			0.0030	0.0060	mg/kg dry	EPA 8260D	08/17/26 19:30
Acetone	0.060	CCVE		0.0060	0.012	mg/kg dry	EPA 8260D	08/17/26 19:30
* % Solids	85.6		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-47 - HD161DPL GSI TP-25-CS-39								
* Temperature	22.3	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 14:01
Aluminum	7540			4.62	4.62	mg/kg dry	EPA 6010D	08/18/26 11:50
Arsenic	4.69			1.39	1.39	mg/kg dry	EPA 6010D	08/18/26 11:50
Barium	118			2.31	2.31	mg/kg dry	EPA 6010D	08/18/26 11:50
Beryllium	0.212			0.047	0.047	mg/kg dry	EPA 6010D	08/18/26 11:50
Cadmium	0.425			0.277	0.277	mg/kg dry	EPA 6010D	08/18/26 11:50
Calcium	12300			4.62	4.62	mg/kg dry	EPA 6010D	08/18/26 11:50
Chromium	18.0			0.463	0.463	mg/kg dry	EPA 6010D	08/18/26 11:50
Cobalt	6.90			0.369	0.369	mg/kg dry	EPA 6010D	08/18/26 11:50
Copper	35.5			1.85	1.85	mg/kg dry	EPA 6010D	08/18/26 11:50
Iron	12900			23.1	23.1	mg/kg dry	EPA 6010D	08/18/26 11:50
Lead	180			0.463	0.463	mg/kg dry	EPA 6010D	08/18/26 11:50
Magnesium	3500			4.63	4.63	mg/kg dry	EPA 6010D	08/18/26 11:50
Manganese	415			0.463	0.463	mg/kg dry	EPA 6010D	08/18/26 11:50
Nickel	35.5			0.921	0.921	mg/kg dry	EPA 6010D	08/18/26 11:50
Potassium	1190			4.63	4.63	mg/kg dry	EPA 6010D	08/18/26 11:50

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-47 - HD161DPL GSI TP-25-CS-39								
Sodium	133			46.2	46.2	mg/kg dry	EPA 6010D	08/18/26 11:50
Vanadium	36.7			0.921	0.921	mg/kg dry	EPA 6010D	08/18/26 11:50
Zinc	136			2.30	2.30	mg/kg dry	EPA 6010D	08/18/26 11:50
Lead	0.535			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:53
Mercury	2.70			0.0105	0.0333	mg/kg dry	EPA 7473	08/17/26 17:18
4,4'-DDD	0.0185		D	0.00348	0.00367	mg/kg dry	EPA 8081B	08/17/26 16:35
4,4'-DDE	0.00640		D	0.00148	0.00184	mg/kg dry	EPA 8081B	08/17/26 16:35
4,4'-DDT	0.00453	P	DP	0.00293	0.00367	mg/kg dry	EPA 8081B	08/17/26 16:35
alpha-Chlordane	0.0105		D	0.00221	0.00367	mg/kg dry	EPA 8081B	08/17/26 16:35
Aroclor 1254	0.0391			0.0184	0.0184	mg/kg dry	EPA 8082A	08/16/26 21:18
* Total PCBs	0.0391			0.0184	0.0184	mg/kg dry	EPA 8082A	08/16/26 21:18
Acenaphthene	0.101			0.0340	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Acenaphthylene	0.0511	J	J	0.0294	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Anthracene	0.246			0.0307	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Benzo(a)anthracene	0.883			0.0300	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Benzo(a)pyrene	0.946			0.0339	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Benzo(b)fluoranthene	0.820			0.0345	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Benzo(g,h,i)perylene	0.434			0.0329	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Benzo(k)fluoranthene	0.580			0.0339	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Carbazole	0.112			0.0306	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Chrysene	0.763			0.0295	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Dibenzo(a,h)anthracene	0.0481	J	J	0.0275	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Dibenzofuran	0.0525	J	J	0.0304	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Fluoranthene	1.96		D	0.0591	0.184	mg/kg dry	EPA 8270E	08/24/26 14:48
Fluorene	0.0753	J	J	0.0347	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Indeno(1,2,3-cd)pyrene	0.467			0.0356	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Naphthalene	0.0478	J	J	0.0321	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Phenanthrene	0.900			0.0295	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
Pyrene	1.44			0.0289	0.0918	mg/kg dry	EPA 8270E	08/20/26 16:15
pH	7.98	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 14:01
* % Solids	90.1		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-48 - HD161DPL GSI TP-25- CS-39-G6								
2-Butanone	0.0079			0.0026	0.0052	mg/kg dry	EPA 8260D	08/17/26 19:59
Acetone	0.050	CCVE		0.0052	0.010	mg/kg dry	EPA 8260D	08/17/26 19:59
* % Solids	91.2		B	0.100	0.100	%	SM 2540G	08/14/26 13:00
26H0685-49 - HD161DPL GSI TP-25-CS-40								
* Temperature	21.9	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 14:16
Aluminum	4270			4.58	4.58	mg/kg dry	EPA 6010D	08/18/26 12:08
Arsenic	3.12			1.37	1.37	mg/kg dry	EPA 6010D	08/18/26 12:08
Barium	93.2			2.29	2.29	mg/kg dry	EPA 6010D	08/18/26 12:08
Beryllium	0.130			0.046	0.046	mg/kg dry	EPA 6010D	08/18/26 12:08
Cadmium	0.330			0.275	0.275	mg/kg dry	EPA 6010D	08/18/26 12:08
Calcium	18500			4.58	4.58	mg/kg dry	EPA 6010D	08/18/26 12:08
Chromium	11.1			0.458	0.458	mg/kg dry	EPA 6010D	08/18/26 12:08

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-49 - HD161DPL GSI TP-25-CS-40								
Cobalt	3.68			0.366	0.366	mg/kg dry	EPA 6010D	08/18/26 12:08
Copper	32.2			1.83	1.83	mg/kg dry	EPA 6010D	08/18/26 12:08
Iron	8770			22.9	22.9	mg/kg dry	EPA 6010D	08/18/26 12:08
Lead	142			0.458	0.458	mg/kg dry	EPA 6010D	08/18/26 12:08
Magnesium	9500			4.58	4.58	mg/kg dry	EPA 6010D	08/18/26 12:08
Manganese	137			0.458	0.458	mg/kg dry	EPA 6010D	08/18/26 12:08
Nickel	17.7			0.912	0.912	mg/kg dry	EPA 6010D	08/18/26 12:08
Potassium	593			4.58	4.58	mg/kg dry	EPA 6010D	08/18/26 12:08
Sodium	108			45.8	45.8	mg/kg dry	EPA 6010D	08/18/26 12:08
Vanadium	15.6			0.912	0.912	mg/kg dry	EPA 6010D	08/18/26 12:08
Zinc	112			2.28	2.28	mg/kg dry	EPA 6010D	08/18/26 12:08
Barium	0.975			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 16:54
Lead	0.590			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 16:54
Mercury	0.618			0.0104	0.0330	mg/kg dry	EPA 7473	08/18/26 9:37
4,4'-DDD	0.00456		D	0.00346	0.00365	mg/kg dry	EPA 8081B	08/19/26 11:05
4,4'-DDE	0.00231		D	0.00147	0.00183	mg/kg dry	EPA 8081B	08/19/26 11:05
Aroclor 1242	0.141			0.0183	0.0183	mg/kg dry	EPA 8082A	08/19/26 11:03
* Total PCBs	0.141			0.0183	0.0183	mg/kg dry	EPA 8082A	08/19/26 11:03
2-Methylnaphthalene	0.0451	J	J	0.0279	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Acenaphthene	0.257			0.0337	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Acenaphthylene	0.110			0.0291	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Anthracene	0.761			0.0304	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Benzo(a)anthracene	2.02		D	0.149	0.455	mg/kg dry	EPA 8270E	08/22/26 16:01
Benzo(a)pyrene	2.06		D	0.168	0.455	mg/kg dry	EPA 8270E	08/22/26 16:01
Benzo(b)fluoranthene	1.77		E	0.0342	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Benzo(g,h,i)perylene	0.632			0.0326	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Benzo(k)fluoranthene	0.910			0.0336	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Benzyl butyl phthalate	11.9		D	0.397	0.910	mg/kg dry	EPA 8270E	08/22/26 15:30
Bis(2-ethylhexyl)phthalate	0.843			0.0393	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Carbazole	0.130			0.0303	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Chrysene	1.71		E	0.0292	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Dibenzo(a,h)anthracene	0.0724	J	J	0.0273	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Dibenzofuran	0.126			0.0301	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Di-n-butyl phthalate	0.0513	J	J	0.0383	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Di-n-octyl phthalate	0.487	CAL-E		0.0291	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Fluoranthene	4.64		D	0.146	0.455	mg/kg dry	EPA 8270E	08/22/26 16:01
Fluorene	0.224			0.0344	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Indeno(1,2,3-cd)pyrene	0.672			0.0353	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Naphthalene	0.0342	J	J	0.0318	0.0910	mg/kg dry	EPA 8270E	08/20/26 16:47
Phenanthrene	2.66		D	0.146	0.455	mg/kg dry	EPA 8270E	08/22/26 16:01
Pyrene	3.93		D	0.143	0.455	mg/kg dry	EPA 8270E	08/22/26 16:01
pH	7.93	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 14:16
* % Solids	91.0		B	0.100	0.100	%	SM 2540G	08/14/26 13:35
26H0685-50 - HD161DPL GSI TP-25- CS-40-G2								

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-50 - HD161DPL GSI TP-25- CS-40-G2								
2-Butanone	0.0082			0.0034	0.0069	mg/kg dry	EPA 8260D	08/17/26 20:28
Acetone	0.061	CCVE		0.0069	0.014	mg/kg dry	EPA 8260D	08/17/26 20:28
* % Solids	90.1		B	0.100	0.100	%	SM 2540G	08/14/26 13:35
26H0685-51 - HD161DPL GSI TP-24-CS-41								
* Temperature	21.8	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 14:20
Aluminum	7430			4.84	4.84	mg/kg dry	EPA 6010D	08/18/26 12:09
Arsenic	4.64			1.45	1.45	mg/kg dry	EPA 6010D	08/18/26 12:09
Barium	137			2.42	2.42	mg/kg dry	EPA 6010D	08/18/26 12:09
Beryllium	0.237			0.049	0.049	mg/kg dry	EPA 6010D	08/18/26 12:09
Cadmium	0.407			0.291	0.291	mg/kg dry	EPA 6010D	08/18/26 12:09
Calcium	10900			4.84	4.84	mg/kg dry	EPA 6010D	08/18/26 12:09
Chromium	16.7			0.485	0.485	mg/kg dry	EPA 6010D	08/18/26 12:09
Cobalt	6.19			0.387	0.387	mg/kg dry	EPA 6010D	08/18/26 12:09
Copper	42.1			1.94	1.94	mg/kg dry	EPA 6010D	08/18/26 12:09
Iron	14000			24.2	24.2	mg/kg dry	EPA 6010D	08/18/26 12:09
Lead	239			0.485	0.485	mg/kg dry	EPA 6010D	08/18/26 12:09
Magnesium	3760			4.85	4.85	mg/kg dry	EPA 6010D	08/18/26 12:09
Manganese	269			0.485	0.485	mg/kg dry	EPA 6010D	08/18/26 12:09
Nickel	27.5			0.965	0.965	mg/kg dry	EPA 6010D	08/18/26 12:09
Potassium	1040			4.85	4.85	mg/kg dry	EPA 6010D	08/18/26 12:09
Sodium	141			48.4	48.4	mg/kg dry	EPA 6010D	08/18/26 12:09
Vanadium	48.9			0.965	0.965	mg/kg dry	EPA 6010D	08/18/26 12:09
Zinc	148			2.41	2.41	mg/kg dry	EPA 6010D	08/18/26 12:09
Lead	0.418			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 17:04
Mercury	0.566			0.0110	0.0349	mg/kg dry	EPA 7473	08/18/26 9:38
4,4'-DDD	0.0173		D	0.00364	0.00385	mg/kg dry	EPA 8081B	08/17/26 16:53
4,4'-DDE	0.00850	P	DP	0.00155	0.00192	mg/kg dry	EPA 8081B	08/17/26 16:53
alpha-Chlordane	0.0146		D	0.00232	0.00385	mg/kg dry	EPA 8081B	08/17/26 16:53
Aroclor 1254	0.0620			0.0192	0.0192	mg/kg dry	EPA 8082A	08/16/26 21:46
* Total PCBs	0.0620			0.0192	0.0192	mg/kg dry	EPA 8082A	08/16/26 21:46
Acenaphthene	0.261			0.0356	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Acenaphthylene	0.0600	J	J	0.0308	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Anthracene	0.455			0.0321	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Benzo(a)anthracene	1.54			0.0314	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Benzo(a)pyrene	1.63		E	0.0355	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Benzo(b)fluoranthene	1.52			0.0362	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Benzo(g,h,i)perylene	0.736			0.0344	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Benzo(k)fluoranthene	1.04			0.0356	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Carbazole	0.147			0.0320	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Chrysene	1.39			0.0309	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Dibenzo(a,h)anthracene	0.0797	J	J	0.0289	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Dibenzofuran	0.106			0.0318	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Fluoranthene	3.50		D	0.155	0.481	mg/kg dry	EPA 8270E	08/22/26 14:58
Fluorene	0.153			0.0364	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-51 - HD161DPL GSI TP-24-CS-41								
Indeno(1,2,3-cd)pyrene	0.806			0.0373	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Naphthalene	0.0354	J	J	0.0336	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Phenanthrene	1.36			0.0309	0.0962	mg/kg dry	EPA 8270E	08/20/26 17:19
Pyrene	2.72		D	0.152	0.481	mg/kg dry	EPA 8270E	08/22/26 14:58
pH	7.92	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 14:20
* % Solids	86.0		B	0.100	0.100	%	SM 2540G	08/14/26 13:35
26H0685-52 - HD161DPL GSI TP-24- CS-41-G5								
* % Solids	89.4		B	0.100	0.100	%	SM 2540G	08/14/26 13:35
26H0685-53 - HD161DPL GSI TP-24-CS-42								
* Temperature	22.1	Z-01a		1.00	1.00	°C	EPA 170.1	08/17/26 14:21
Aluminum	7940			4.62	4.62	mg/kg dry	EPA 6010D	08/18/26 12:11
Arsenic	5.02			1.39	1.39	mg/kg dry	EPA 6010D	08/18/26 12:11
Barium	141			2.31	2.31	mg/kg dry	EPA 6010D	08/18/26 12:11
Beryllium	0.265			0.047	0.047	mg/kg dry	EPA 6010D	08/18/26 12:11
Cadmium	0.443			0.277	0.277	mg/kg dry	EPA 6010D	08/18/26 12:11
Calcium	10600			4.62	4.62	mg/kg dry	EPA 6010D	08/18/26 12:11
Chromium	17.2			0.462	0.462	mg/kg dry	EPA 6010D	08/18/26 12:11
Cobalt	6.63			0.369	0.369	mg/kg dry	EPA 6010D	08/18/26 12:11
Copper	39.7			1.85	1.85	mg/kg dry	EPA 6010D	08/18/26 12:11
Iron	15300			23.1	23.1	mg/kg dry	EPA 6010D	08/18/26 12:11
Lead	231			0.462	0.462	mg/kg dry	EPA 6010D	08/18/26 12:11
Magnesium	3780			4.62	4.62	mg/kg dry	EPA 6010D	08/18/26 12:11
Manganese	244			0.462	0.462	mg/kg dry	EPA 6010D	08/18/26 12:11
Nickel	29.1			0.920	0.920	mg/kg dry	EPA 6010D	08/18/26 12:11
Potassium	1040			4.62	4.62	mg/kg dry	EPA 6010D	08/18/26 12:11
Sodium	145			46.2	46.2	mg/kg dry	EPA 6010D	08/18/26 12:11
Vanadium	28.0			0.920	0.920	mg/kg dry	EPA 6010D	08/18/26 12:11
Zinc	146			2.30	2.30	mg/kg dry	EPA 6010D	08/18/26 12:11
Barium	0.650			0.023	0.625	mg/L	EPA 6010D/1311	08/18/26 17:06
Lead	0.360			0.113	0.125	mg/L	EPA 6010D/1311	08/18/26 17:06
Mercury	1.41			0.0107	0.0338	mg/kg dry	EPA 7473	08/18/26 9:38
4,4'-DDD	0.0160		D	0.00353	0.00373	mg/kg dry	EPA 8081B	08/17/26 17:10
4,4'-DDE	0.0186		D	0.00150	0.00187	mg/kg dry	EPA 8081B	08/17/26 17:10
4,4'-DDT	0.0126	P	DP	0.00297	0.00373	mg/kg dry	EPA 8081B	08/17/26 17:10
alpha-Chlordane	0.0167		D	0.00224	0.00373	mg/kg dry	EPA 8081B	08/17/26 17:10
Aroclor 1254	0.509			0.0187	0.0187	mg/kg dry	EPA 8082A	08/16/26 21:59
* Total PCBs	0.509			0.0187	0.0187	mg/kg dry	EPA 8082A	08/16/26 21:59
2-Methylnaphthalene	0.0429	J	J	0.0286	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Acenaphthene	0.248			0.0345	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Acenaphthylene	0.0993			0.0298	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Anthracene	0.542			0.0312	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Benzo(g,h,i)perylene	0.0560	J	J	0.0334	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Carbazole	0.205			0.0311	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Chrysene	0.159			0.0300	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0685-53 - HD161DPL GSI TP-24-CS-42								
Dibenzofuran	0.100			0.0309	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Fluorene	0.171			0.0353	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Indeno(1,2,3-cd)pyrene	0.145			0.0362	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Naphthalene	0.0493	J	J	0.0326	0.0933	mg/kg dry	EPA 8270E	08/20/26 17:50
Phenanthrene	1.95		D	0.150	0.466	mg/kg dry	EPA 8270E	08/22/26 14:26
pH	8.05	HT-pH		0.500	0.500	pH units	EPA 9045D	08/17/26 14:21
* % Solids	88.7		B	0.100	0.100	%	SM 2540G	08/14/26 13:35
26H0685-54 - HD161DPL GSI TP-24- CS-42-G4								
2-Butanone	0.0082			0.0027	0.0054	mg/kg dry	EPA 8260D	08/18/26 13:26
Acetone	0.046			0.0054	0.011	mg/kg dry	EPA 8260D	08/18/26 13:26
* % Solids	90.1		B	0.100	0.100	%	SM 2540G	08/14/26 13:35

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0379	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0310	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
1,2,4-Trichlorobenzene	ND		U	0.0336	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
1,2-Dichlorobenzene	ND		U	0.0290	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0292	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
1,3-Dichlorobenzene	ND		U	0.0338	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
1,4-Dichlorobenzene	ND		U	0.0279	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0438	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,4,5-Trichlorophenol	ND		U	0.0434	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,4,6-Trichlorophenol	ND		U	0.0281	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,4-Dichlorophenol	ND		U	0.0319	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,4-Dimethylphenol	ND		U	0.0397	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0357	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,4-Dinitrotoluene	ND		U	0.0347	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2,6-Dinitrotoluene	ND		U	0.0381	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2-Chloronaphthalene	ND		U	0.0304	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2-Chlorophenol	ND		U	0.0273	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2-Methylnaphthalene	**0.0399**	J	J	0.0280	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2-Methylphenol	ND		U	0.0291	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2-Nitroaniline	ND		U	0.0258	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
2-Nitrophenol	ND		U	0.0408	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
* 3- & 4-Methylphenols	ND		U	0.0286	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0280	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
3-Nitroaniline	ND		U	0.0347	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0478	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
4-Bromophenyl phenyl ether	ND		U	0.0377	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0303	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
4-Chloroaniline	ND		U	0.0287	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
4-Chlorophenyl phenyl ether	ND		U	0.0380	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
4-Nitroaniline	ND		U	0.0328	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
4-Nitrophenol	ND		U	0.0540	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Acenaphthene	**0.294**			0.0339	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Acenaphthylene	**0.220**			0.0292	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Acetophenone	ND		U	0.0280	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Aniline	ND		U	0.0398	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Anthracene	**0.551**			0.0305	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Atrazine	ND		U	0.0327	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzaldehyde	ND		U	0.0332	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzidine	ND	CAL-E	U	0.0110	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzo(a)anthracene	**2.32**		D	0.597	1.83	20	mg/kg dry	EPA 8270E	8/17/26 11:06	8/24/26 12:18	DD
Benzo(a)pyrene	**2.55**		D	0.675	1.83	20	mg/kg dry	EPA 8270E	8/17/26 11:06	8/24/26 12:18	DD
Benzo(b)fluoranthene	**2.19**		D	0.688	1.83	20	mg/kg dry	EPA 8270E	8/17/26 11:06	8/24/26 12:18	DD
Benzo(g,h,i)perylene	**1.53**		E	0.0327	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzo(k)fluoranthene	**1.58**		E	0.0338	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0384	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzyl alcohol	ND		U	0.0284	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Benzyl butyl phthalate	ND		U	0.0399	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Bis(2-chloroethoxy)methane	ND		U	0.0285	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Bis(2-chloroethyl)ether	ND		U	0.0213	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0405	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0395	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Caprolactam	ND		U	0.0446	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.159**			0.0304	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Chrysene	**2.11**		D	0.587	1.83	20	mg/kg dry	EPA 8270E	8/17/26 11:06	8/24/26 12:18	DD
Dibenzo(a,h)anthracene	**0.152**	CCVE		0.0274	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Dibenzofuran	**0.128**			0.0302	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Diethyl phthalate	ND		U	0.0348	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Dimethyl phthalate	ND		U	0.0313	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Di-n-butyl phthalate	ND		U	0.0385	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0293	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Fluoranthene	**4.55**		D	0.588	1.83	20	mg/kg dry	EPA 8270E	8/17/26 11:06	8/24/26 12:18	DD
Fluorene	**0.166**			0.0346	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Hexachlorobenzene	ND		U	0.0371	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Hexachlorobutadiene	ND		U	0.0306	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Hexachlorocyclopentadiene	ND		U	0.0460	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Hexachloroethane	ND		U	0.0355	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Indeno(1,2,3-cd)pyrene	**1.54**		E	0.0354	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Isophorone	ND		U	0.0306	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Naphthalene	**0.0483**	J	J	0.0319	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Nitrobenzene	ND		U	0.0309	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
N-Nitrosodimethylamine	ND		U	0.0398	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
N-nitroso-di-n-propylamine	ND		U	0.0298	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
N-Nitrosodiphenylamine	ND		U	0.0368	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Pentachlorophenol	ND	CCVE	U	0.0407	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Phenanthrene	**1.69**		E	0.0294	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Phenol	ND		U	0.0386	0.0914	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:27	sr
Pyrene	**3.89**		D	0.576	1.83	20	mg/kg dry	EPA 8270E	8/17/26 11:06	8/24/26 12:18	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*86.1 %*			*20-108*	*EPA 8270E*	*8/19/26 13:27*
Surrogate: SURR: Phenol-d6	*84.5 %*			*23-114*	*EPA 8270E*	*8/19/26 13:27*
Surrogate: SURR: Nitrobenzene-d5	*87.8 %*			*22-108*	*EPA 8270E*	*8/19/26 13:27*
Surrogate: SURR: 2-Fluorobiphenyl	*82.8 %*			*21-113*	*EPA 8270E*	*8/19/26 13:27*
Surrogate: SURR: 2,4,6-Tribromophenol	*89.6 %*			*19-110*	*EPA 8270E*	*8/19/26 13:27*
Surrogate: SURR: Terphenyl-d14	*79.3 %*			*24-116*	*EPA 8270E*	*8/19/26 13:27*

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00347	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
4,4'-DDE	ND		U	0.00148	0.00183	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
4,4'-DDT	ND		U	0.00292	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Aldrin	ND		U	0.00116	0.00183	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
alpha-BHC	ND		U	0.00504	0.00550	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
alpha-Chlordane	ND		U	0.00221	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
beta-BHC	ND		U	0.00578	0.00826	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
delta-BHC	ND		U	0.00512	0.00550	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Dieldrin	ND		U	0.00269	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Endosulfan II	ND		U	0.00223	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Endosulfan sulfate	ND		U	0.00184	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Endrin	ND		U	0.00277	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
gamma-BHC (Lindane)	ND		U	0.00235	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ
Heptachlor	ND		U	0.00187	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:12	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*37.7 %*			*30-150*	*EPA 8081B*	*8/17/26 16:12*
Surrogate: Decachlorobiphenyl	*120 %*			*30-150*	*EPA 8081B*	*8/18/26 10:19*
Surrogate: Tetrachloro-m-xylene	*2190 %*	S-GC, S-08		*30-150*	*EPA 8081B*	*8/17/26 16:12*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*3300 %*	S-08, S-GC		*30-150*	*EPA 8081B*	*8/18/26 10:19*

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	HT-04, HT-PR

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1242	**32.4**		D	0.917	0.917	50	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:24	NF
Aroclor 1242	**2740**		D	91.7	91.7	5000	mg/kg dry	EPA 8082A	8/15/26 7:00	8/20/26 09:13	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1254	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1254	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1260	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 17:24	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:10	NF
* Total PCBs	**2740**		D	91.7	91.7	5000	mg/kg dry	EPA 8082A	8/15/26 7:00	8/20/26 09:13	NF
* Total PCBs	**32.4**		D	0.917	0.917	50	mg/kg dry	EPA 8082A	9/4/26 11:59	9/ 8/26 14:24	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*2500 %*	S-06, S-08		*30-120*	*EPA 8082A*	*8/20/26 09:13*
Surrogate: Tetrachloro-m-xylene	*1120 %*	S-GC, S-08		*30-120*	*EPA 8082A*	*8/17/26 17:24*
Surrogate: Tetrachloro-m-xylene	*101 %*			*30-120*	*EPA 8082A*	*9/8/26 14:10*
Surrogate: Tetrachloro-m-xylene	*125 %*	S-06		*30-120*	*EPA 8082A*	*9/8/26 14:24*
Surrogate: Decachlorobiphenyl	*2500 %*	S-06, S-08		*30-120*	*EPA 8082A*	*8/20/26 09:13*
Surrogate: Decachlorobiphenyl	*37.0 %*			*30-120*	*EPA 8082A*	*8/17/26 17:24*
Surrogate: Decachlorobiphenyl	*50.0 %*			*30-120*	*EPA 8082A*	*9/8/26 14:10*
Surrogate: Decachlorobiphenyl	*75.0 %*			*30-120*	*EPA 8082A*	*9/8/26 14:24*

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR
Lead	**0.290**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:19	AGNR

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7370**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Antimony	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Arsenic	**5.45**			1.34	1.34	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Barium	**170**			2.23	2.23	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Beryllium	**0.282**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Cadmium	**0.420**			0.268	0.268	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Calcium	**21000**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Chromium	**23.7**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Cobalt	**6.35**			0.357	0.357	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Copper	**37.4**			1.79	1.79	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Iron	**17500**			22.3	22.3	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Lead	**346**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Magnesium	**8020**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Manganese	**264**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Nickel	**29.1**			0.890	0.890	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Potassium	**985**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Selenium	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Silver	ND		U	0.450	0.450	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Sodium	**176**			44.7	44.7	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Thallium	ND		U	1.07	1.79	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Vanadium	**37.0**			0.890	0.890	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR
Zinc	**193**			2.23	2.23	1	mg/kg dry	EPA 6010D	8/13/26 9:32	8/17/26 13:29	AGNR

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.602**			0.0105	0.0332	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:27	LCB

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-01**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-16	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.202	0.554	1	mg/kg dry	EPA 7196A	8/17/26 15:15	8/17/26 21:00	SML
pH	**7.69**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:42	BF
* Temperature	**22.2**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:42	BF
Cyanide, total	ND		U	0.326	0.554	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-02**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-16-G3	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-02**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-16-G3	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1,1-Trichloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1,2-Trichloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1-Dichloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1-Dichloroethylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,1-Dichloropropylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2,3-Trichlorobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2,3-Trichloropropane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2,4-Trichlorobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2,4-Trimethylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2-Dibromoethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2-Dichlorobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2-Dichloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,2-Dichloropropane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,3,5-Trimethylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,3-Dichlorobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,3-Dichloropropane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
1,4-Dichlorobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
2,2-Dichloropropane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
2-Butanone	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
2-Chloroethylvinyl ether	ND		U	0.0089	0.018	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
2-Chlorotoluene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-02**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-16-G3	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
4-Chlorotoluene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
4-Methyl-2-pentanone	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Acetone	ND	CAL-E	U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Acrolein	ND	ICVE	U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Acrylonitrile	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Benzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Bromobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Bromochloromethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Bromodichloromethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Bromoform	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Bromomethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Carbon disulfide	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Carbon tetrachloride	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Chlorobenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Chloroethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Chloroform	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Chloromethane	ND	CCVE	U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
cis-1,2-Dichloroethylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
cis-1,3-Dichloropropylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Cyclohexane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Dibromochloromethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Dibromomethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* Ethanol	ND		U	0.035	0.071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-02**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-16-G3	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* Iodomethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Isopropylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Methyl acetate	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Methyl Methacrylate	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Methylcyclohexane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Methylene chloride	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Naphthalene	ND		U	0.0022	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
n-Butylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
n-Propylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
o-Xylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
p- & m- Xylenes	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* p-Diethylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* p-Ethyltoluene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
p-Isopropyltoluene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
sec-Butylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Styrene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.035	0.071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
tert-Butyl alcohol (TBA)	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
tert-Butylbenzene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Tetrachloroethylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* Tetrahydrofuran	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-02**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-16-G3	**Collection Date/Time:**	8/12/26 7:45

Lab ID:	**26H0685-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
trans-1,2-Dichloroethylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
trans-1,3-Dichloropropylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Trichloroethylene	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Trichlorofluoromethane	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Vinyl acetate	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Vinyl Chloride	ND		U	0.0022	0.0044	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS
Xylenes, Total	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/15/26 23:45	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/15/26 23:45*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/15/26 23:45*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/15/26 23:45*

Lab ID:	**26H0685-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.5**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0386	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0316	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
1,2,4-Trichlorobenzene	ND		U	0.0343	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
1,2-Dichlorobenzene	ND		U	0.0295	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0297	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
1,3-Dichlorobenzene	ND		U	0.0345	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
1,4-Dichlorobenzene	ND		U	0.0284	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0447	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,4,5-Trichlorophenol	ND		U	0.0443	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,4,6-Trichlorophenol	ND		U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,4-Dichlorophenol	ND		U	0.0326	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,4-Dimethylphenol	ND		U	0.0405	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0364	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,4-Dinitrotoluene	ND		U	0.0354	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2,6-Dinitrotoluene	ND		U	0.0388	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2-Chloronaphthalene	ND		U	0.0310	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2-Chlorophenol	ND		U	0.0278	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2-Methylnaphthalene	**0.0500**	J	J	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2-Methylphenol	ND		U	0.0297	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2-Nitroaniline	ND		U	0.0263	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
2-Nitrophenol	ND		U	0.0416	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
* 3- & 4-Methylphenols	ND		U	0.0292	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
3-Nitroaniline	ND		U	0.0354	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0487	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
4-Bromophenyl phenyl ether	ND		U	0.0385	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0309	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
4-Chloroaniline	ND		U	0.0293	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
4-Chlorophenyl phenyl ether	ND		U	0.0388	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
4-Nitroaniline	ND		U	0.0334	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
4-Nitrophenol	ND		U	0.0551	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Acenaphthene	**0.348**			0.0345	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Acenaphthylene	**0.183**			0.0298	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Acetophenone	ND		U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Aniline	ND		U	0.0406	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Anthracene	**0.723**			0.0312	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Atrazine	ND		U	0.0333	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzaldehyde	ND		U	0.0339	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzidine	ND	CAL-E	U	0.0113	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzo(a)anthracene	**2.11**		D	0.152	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR
Benzo(a)pyrene	**1.02**		D	0.172	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR
Benzo(b)fluoranthene	**1.37**		D	0.175	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR
Benzo(g,h,i)perylene	**1.19**			0.0334	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzo(k)fluoranthene	**1.30**			0.0345	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0392	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzyl alcohol	ND		U	0.0289	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Benzyl butyl phthalate	ND		U	0.0407	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Bis(2-chloroethoxy)methane	ND		U	0.0291	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Bis(2-chloroethyl)ether	ND		U	0.0217	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0413	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0403	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Caprolactam	ND		U	0.0455	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.238**			0.0310	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Chrysene	**1.97**		D	0.150	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR
Dibenzo(a,h)anthracene	**0.121**	CCVE		0.0280	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Dibenzofuran	**0.140**			0.0309	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Diethyl phthalate	ND		U	0.0355	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Dimethyl phthalate	ND		U	0.0319	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Di-n-butyl phthalate	ND		U	0.0392	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0298	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Fluoranthene	**3.83**		D	0.150	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR
Fluorene	**0.269**			0.0353	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Hexachlorobenzene	ND		U	0.0378	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Hexachlorobutadiene	ND		U	0.0312	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Hexachlorocyclopentadiene	ND		U	0.0469	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Hexachloroethane	ND		U	0.0362	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Indeno(1,2,3-cd)pyrene	**1.21**			0.0361	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Isophorone	ND		U	0.0313	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Naphthalene	**0.0608**	J	J	0.0326	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Nitrobenzene	ND		U	0.0315	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
N-Nitrosodimethylamine	ND		U	0.0406	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
N-nitroso-di-n-propylamine	ND		U	0.0304	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
N-Nitrosodiphenylamine	ND		U	0.0376	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Pentachlorophenol	ND	CCVE	U	0.0415	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Phenanthrene	**2.31**		D	0.150	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR
Phenol	ND		U	0.0394	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 13:59	sr
Pyrene	**4.08**		D	0.147	0.466	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:00	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*73.9 %*			*20-108*	*EPA 8270E*	*8/19/26 13:59*
Surrogate: SURR: Phenol-d6	*71.8 %*			*23-114*	*EPA 8270E*	*8/19/26 13:59*
Surrogate: SURR: Nitrobenzene-d5	*76.6 %*			*22-108*	*EPA 8270E*	*8/19/26 13:59*
Surrogate: SURR: 2-Fluorobiphenyl	*73.2 %*			*21-113*	*EPA 8270E*	*8/19/26 13:59*
Surrogate: SURR: 2,4,6-Tribromophenol	*94.3 %*			*19-110*	*EPA 8270E*	*8/19/26 13:59*
Surrogate: SURR: Terphenyl-d14	*75.0 %*			*24-116*	*EPA 8270E*	*8/19/26 13:59*

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0368**		D	0.00354	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
4,4'-DDE	**0.00967**		D	0.00151	0.00187	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
4,4'-DDT	**0.00837**	P	DP	0.00298	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Aldrin	ND		U	0.00118	0.00187	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
alpha-BHC	ND		U	0.00514	0.00561	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
alpha-Chlordane	**0.0194**		D	0.00225	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
beta-BHC	ND		U	0.00590	0.00842	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
delta-BHC	ND		U	0.00522	0.00561	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Dieldrin	ND		U	0.00275	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Endosulfan I	ND		U	0.00140	0.00187	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Endosulfan II	ND		U	0.00227	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Endosulfan sulfate	ND		U	0.00187	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Endrin	ND		U	0.00283	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
gamma-BHC (Lindane)	ND		U	0.00240	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ
Heptachlor	ND		U	0.00191	0.00374	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 11:05	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*53.3 %*			*30-150*	*EPA 8081B*	*8/18/26 11:05*
Surrogate: Tetrachloro-m-xylene	*74.6 %*			*30-150*	*EPA 8081B*	*8/18/26 11:05*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1221	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1232	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1242	**0.0675**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1248	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1254	**0.0614**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1260	**0.0399**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1262	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
Aroclor 1268	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF
* Total PCBs	**0.169**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 02:23	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*71.5 %*			*30-120*	*EPA 8082A*	*8/19/26 02:23*
Surrogate: Decachlorobiphenyl	*59.0 %*			*30-120*	*EPA 8082A*	*8/19/26 02:23*

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR
Barium	**0.635**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR
Lead	**0.480**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:26	AGNR

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7680**			4.63	4.63	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Antimony	ND		U	2.32	2.32	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Arsenic	**7.04**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Barium	**172**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Beryllium	**3.08**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Cadmium	**0.889**			0.278	0.278	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Calcium	**11300**			4.63	4.63	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Chromium	**17.7**			0.464	0.464	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Cobalt	**16.7**			0.370	0.370	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Copper	**86.6**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Iron	**15900**			23.2	23.2	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Lead	**336**			0.464	0.464	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Magnesium	**3410**			4.64	4.64	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Manganese	**206**			0.464	0.464	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Nickel	**42.5**			0.923	0.923	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Potassium	**1000**			4.64	4.64	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Selenium	ND		U	2.32	2.32	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Silver	**0.519**			0.467	0.467	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Sodium	**202**			46.3	46.3	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Thallium	ND		U	1.11	1.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Vanadium	**32.2**			0.923	0.923	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR
Zinc	**422**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:48	AGNR

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-03**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-17	**Collection Date/Time:**	8/12/26 8:20

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.994**			0.0107	0.0339	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:27	LCB

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.207	0.567	1	mg/kg dry	EPA 7196A	8/17/26 15:15	8/17/26 21:00	SML
pH	**7.69**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:44	BF
* Temperature	**22.2**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:44	BF
Cyanide, total	ND		U	0.332	0.565	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.5**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-04**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-17-G8	**Collection Date/Time:**	8/12/26 7:55

Lab ID:	**26H0685-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
2-Butanone	**0.017**			0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-04**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-17-G8	**Collection Date/Time:**	8/12/26 7:55

Lab ID:	**26H0685-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Acetone	**0.099**	CAL-E, CCVE		0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Acrolein	ND	ICVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Carbon disulfide	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Chloromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* Ethanol	ND		U	0.047	0.093	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-04**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-17-G8	**Collection Date/Time:**	8/12/26 7:55

Lab ID:	**26H0685-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Methyl Methacrylate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Naphthalene	ND		U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.047	0.093	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0047	0.0093	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.029	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Tetrachloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-04**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-17-G8	**Collection Date/Time:**	8/12/26 7:55

Lab ID:	**26H0685-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS
Xylenes, Total	ND		U	0.0087	0.017	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:12	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/16/26 00:12*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 00:12*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*76-130*	*EPA 8260D*	*8/16/26 00:12*

Lab ID:	**26H0685-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0377	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0308	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
1,2,4-Trichlorobenzene	ND		U	0.0334	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
1,2-Dichlorobenzene	ND		U	0.0288	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0290	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
1,3-Dichlorobenzene	ND		U	0.0336	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
1,4-Dichlorobenzene	ND		U	0.0277	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0435	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,4,5-Trichlorophenol	ND		U	0.0432	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,4,6-Trichlorophenol	ND		U	0.0279	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,4-Dichlorophenol	ND		U	0.0318	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,4-Dimethylphenol	ND		U	0.0395	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0355	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,4-Dinitrotoluene	ND		U	0.0345	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2,6-Dinitrotoluene	ND		U	0.0378	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2-Chloronaphthalene	ND		U	0.0302	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2-Chlorophenol	ND		U	0.0271	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2-Methylnaphthalene	**0.0335**	J	J	0.0279	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2-Methylphenol	ND		U	0.0290	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2-Nitroaniline	ND		U	0.0257	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
2-Nitrophenol	ND		U	0.0405	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
* 3- & 4-Methylphenols	ND		U	0.0284	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0279	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
3-Nitroaniline	ND		U	0.0345	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0475	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
4-Bromophenyl phenyl ether	ND		U	0.0375	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0301	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
4-Chloroaniline	ND		U	0.0286	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
4-Chlorophenyl phenyl ether	ND		U	0.0378	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
4-Nitroaniline	ND		U	0.0326	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
4-Nitrophenol	ND		U	0.0537	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Acenaphthene	**0.172**			0.0337	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Acenaphthylene	**0.0833**	J	J	0.0291	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Acetophenone	ND		U	0.0278	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Aniline	ND		U	0.0395	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Anthracene	**0.433**			0.0304	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Atrazine	ND		U	0.0325	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzaldehyde	ND		U	0.0331	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzidine	ND	CAL-E	U	0.0110	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzo(a)anthracene	**1.29**			0.0297	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzo(a)pyrene	**1.38**			0.0336	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzo(b)fluoranthene	**1.21**			0.0342	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzo(g,h,i)perylene	**0.643**			0.0325	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzo(k)fluoranthene	**0.936**			0.0336	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0382	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzyl alcohol	ND		U	0.0282	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Benzyl butyl phthalate	ND		U	0.0397	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Bis(2-chloroethoxy)methane	ND		U	0.0283	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Bis(2-chloroethyl)ether	ND		U	0.0211	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0403	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Bis(2-ethylhexyl)phthalate	**0.0567**	J	J	0.0393	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Caprolactam	ND		U	0.0443	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.185**			0.0303	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Chrysene	**1.15**			0.0292	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Dibenzo(a,h)anthracene	**0.0742**	J	J	0.0273	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Dibenzofuran	**0.0753**	J	J	0.0301	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Diethyl phthalate	ND		U	0.0346	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Dimethyl phthalate	ND		U	0.0311	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Di-n-butyl phthalate	ND		U	0.0383	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0291	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Fluoranthene	**2.32**		D	0.146	0.454	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:30	SR
Fluorene	**0.160**			0.0344	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Hexachlorobenzene	ND		U	0.0368	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Hexachlorobutadiene	ND		U	0.0304	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Hexachlorocyclopentadiene	ND		U	0.0457	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Hexachloroethane	ND		U	0.0353	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Indeno(1,2,3-cd)pyrene	**0.675**			0.0352	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Isophorone	ND		U	0.0305	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Naphthalene	**0.0644**	J	J	0.0317	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Nitrobenzene	ND		U	0.0307	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
N-Nitrosodimethylamine	ND		U	0.0396	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
N-nitroso-di-n-propylamine	ND		U	0.0297	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
N-Nitrosodiphenylamine	ND		U	0.0366	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Pentachlorophenol	ND	CCVE	U	0.0405	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Phenanthrene	**1.61**		E	0.0292	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Phenol	ND		U	0.0384	0.0909	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 14:31	sr
Pyrene	**2.36**		D	0.143	0.454	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:30	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*76.9 %*			*20-108*	*EPA 8270E*	*8/19/26 14:31*
Surrogate: SURR: Phenol-d6	*72.7 %*			*23-114*	*EPA 8270E*	*8/19/26 14:31*
Surrogate: SURR: Nitrobenzene-d5	*73.8 %*			*22-108*	*EPA 8270E*	*8/19/26 14:31*
Surrogate: SURR: 2-Fluorobiphenyl	*71.7 %*			*21-113*	*EPA 8270E*	*8/19/26 14:31*
Surrogate: SURR: 2,4,6-Tribromophenol	*82.4 %*			*19-110*	*EPA 8270E*	*8/19/26 14:31*
Surrogate: SURR: Terphenyl-d14	*69.0 %*			*24-116*	*EPA 8270E*	*8/19/26 14:31*

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00832**		D	0.00345	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
4,4'-DDE	**0.00219**		D	0.00147	0.00182	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
4,4'-DDT	**0.00449**	P	DP	0.00291	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Aldrin	ND		U	0.00115	0.00182	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
alpha-BHC	ND		U	0.00501	0.00547	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
alpha-Chlordane	ND		U	0.00219	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
beta-BHC	ND		U	0.00575	0.00821	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
delta-BHC	ND		U	0.00509	0.00547	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Dieldrin	ND		U	0.00268	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Endosulfan I	ND		U	0.00137	0.00182	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Endosulfan II	ND		U	0.00221	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Endosulfan sulfate	ND		U	0.00183	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Endrin	ND		U	0.00275	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
gamma-BHC (Lindane)	ND		U	0.00234	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ
Heptachlor	ND		U	0.00186	0.00365	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:46	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*30.3 %*			*30-150*	*EPA 8081B*	*8/17/26 16:46*
Surrogate: Tetrachloro-m-xylene	*73.8 %*			*30-150*	*EPA 8081B*	*8/17/26 16:46*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1221	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1232	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1242	**0.0229**			0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1248	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1254	**0.0193**			0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1260	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1262	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
Aroclor 1268	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF
* Total PCBs	**0.0587**			0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:04	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*47.0 %*			*30-120*	*EPA 8082A*	*8/19/26 03:04*
Surrogate: Decachlorobiphenyl	*33.0 %*			*30-120*	*EPA 8082A*	*8/19/26 03:04*

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR
Barium	**0.975**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR
Lead	**1.45**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:28	AGNR

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4670**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Antimony	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Arsenic	**3.09**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Barium	**136**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Beryllium	**0.265**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Cadmium	**0.614**			0.271	0.271	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Calcium	**11900**			4.52	4.52	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Chromium	**13.1**			0.452	0.452	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Cobalt	**4.22**			0.361	0.361	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Copper	**54.7**			1.81	1.81	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Iron	**10200**			22.6	22.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Lead	**302**			0.452	0.452	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Magnesium	**6130**			4.52	4.52	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Manganese	**162**			0.452	0.452	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Nickel	**19.5**			0.899	0.899	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Potassium	**574**			4.52	4.52	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Selenium	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Silver	ND		U	0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Sodium	**145**			45.2	45.2	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Thallium	ND		U	1.08	1.81	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Vanadium	**48.6**			0.899	0.899	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR
Zinc	**180**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:50	AGNR

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-05**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10-CS-18	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.385**			0.0105	0.0331	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:27	LCB

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.201	0.551	1	mg/kg dry	EPA 7196A	8/17/26 15:15	8/17/26 21:00	SML
pH	**7.82**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:46	BF
* Temperature	**22.0**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:46	BF
Cyanide, total	ND		U	0.324	0.551	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.8**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-06**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-18-G10	**Collection Date/Time:**	8/12/26 8:15

Lab ID:	**26H0685-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,3-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
2-Butanone	**0.016**			0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
2-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-06**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-18-G10	**Collection Date/Time:**	8/12/26 8:15

Lab ID:	**26H0685-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
4-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Acetone	**0.078**	CAL-E, CCVE		0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Acrolein	ND	ICVE	U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Acrylonitrile	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Bromobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Bromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Bromodichloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Bromoform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Bromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Carbon disulfide	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Carbon tetrachloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Chlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Chloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Chloroform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Cyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Dibromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Dibromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0045	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* Ethanol	ND		U	0.045	0.089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-06**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-18-G10	**Collection Date/Time:**	8/12/26 8:15

Lab ID:	**26H0685-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0045	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* Iodomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Isopropylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Methyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Methyl Methacrylate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Methylcyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Methylene chloride	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Naphthalene	ND		U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
n-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
n-Propylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
o-Xylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
p- & m- Xylenes	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* p-Diethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
sec-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Styrene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.045	0.089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0045	0.0089	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
tert-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Tetrachloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* Tetrahydrofuran	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-06**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-10- CS-18-G10	**Collection Date/Time:**	8/12/26 8:15

Lab ID:	**26H0685-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Trichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Vinyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Vinyl Chloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS
Xylenes, Total	ND		U	0.0084	0.017	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 00:39	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/16/26 00:39*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 00:39*
Surrogate: SURR: p-Bromofluorobenzene	*116 %*			*76-130*	*EPA 8260D*	*8/16/26 00:39*

Lab ID:	**26H0685-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**78.9**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0391	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0320	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
1,2,4-Trichlorobenzene	ND		U	0.0347	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
1,2-Dichlorobenzene	ND		U	0.0299	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0301	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
1,3-Dichlorobenzene	ND		U	0.0350	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
1,4-Dichlorobenzene	ND		U	0.0288	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0453	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,4,5-Trichlorophenol	ND		U	0.0449	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,4,6-Trichlorophenol	ND		U	0.0290	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,4-Dichlorophenol	ND		U	0.0330	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,4-Dimethylphenol	ND		U	0.0410	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0369	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,4-Dinitrotoluene	ND		U	0.0359	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2,6-Dinitrotoluene	ND		U	0.0393	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2-Chloronaphthalene	ND		U	0.0314	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2-Chlorophenol	ND		U	0.0282	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2-Methylnaphthalene	**0.0408**	J	J	0.0290	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2-Methylphenol	ND		U	0.0301	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2-Nitroaniline	ND		U	0.0267	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
2-Nitrophenol	ND		U	0.0421	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
* 3- & 4-Methylphenols	ND		U	0.0296	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0290	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
3-Nitroaniline	ND		U	0.0359	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0494	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
4-Bromophenyl phenyl ether	ND		U	0.0390	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0313	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
4-Chloroaniline	ND		U	0.0297	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
4-Chlorophenyl phenyl ether	ND		U	0.0393	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
4-Nitroaniline	ND		U	0.0339	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
4-Nitrophenol	ND		U	0.0558	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Acenaphthene	**0.206**			0.0350	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Acenaphthylene	**0.291**			0.0302	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Acetophenone	ND		U	0.0289	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Aniline	ND		U	0.0411	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Anthracene	**0.635**			0.0316	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Atrazine	ND		U	0.0338	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzaldehyde	ND		U	0.0344	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzidine	ND	CAL-E	U	0.0114	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzo(a)anthracene	**2.08**		D	0.154	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR
Benzo(a)pyrene	**1.84**		D	0.174	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR
Benzo(b)fluoranthene	**1.51**		D	0.178	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR
Benzo(g,h,i)perylene	**1.29**			0.0338	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzo(k)fluoranthene	**1.35**			0.0349	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0397	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzyl alcohol	ND		U	0.0293	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Benzyl butyl phthalate	ND		U	0.0412	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Bis(2-chloroethoxy)methane	ND		U	0.0294	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Bis(2-chloroethyl)ether	ND		U	0.0220	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0419	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Bis(2-ethylhexyl)phthalate	**0.135**			0.0408	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Caprolactam	ND		U	0.0461	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.217**			0.0315	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Chrysene	**2.05**		D	0.152	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR
Dibenzo(a,h)anthracene	**0.134**	CCVE		0.0283	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Dibenzofuran	**0.116**			0.0313	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Diethyl phthalate	ND		U	0.0360	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Dimethyl phthalate	ND		U	0.0323	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Di-n-butyl phthalate	ND		U	0.0398	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0302	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Fluoranthene	**3.61**		D	0.152	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR
Fluorene	**0.205**			0.0357	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Hexachlorobenzene	ND		U	0.0383	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Hexachlorobutadiene	ND		U	0.0316	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Hexachlorocyclopentadiene	ND		U	0.0475	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Hexachloroethane	ND		U	0.0366	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Indeno(1,2,3-cd)pyrene	**1.32**			0.0366	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Isophorone	ND		U	0.0317	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Naphthalene	**0.0624**	J	J	0.0330	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Nitrobenzene	ND		U	0.0319	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
N-Nitrosodimethylamine	ND		U	0.0412	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
N-nitroso-di-n-propylamine	ND		U	0.0308	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
N-Nitrosodiphenylamine	ND		U	0.0381	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Pentachlorophenol	ND	CCVE	U	0.0421	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Phenanthrene	**2.01**		D	0.152	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR
Phenol	ND		U	0.0399	0.0944	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:04	sr
Pyrene	**4.02**		D	0.149	0.472	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/21/26 17:59	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*81.6 %*			*20-108*	*EPA 8270E*	*8/19/26 15:04*
Surrogate: SURR: Phenol-d6	*80.7 %*			*23-114*	*EPA 8270E*	*8/19/26 15:04*
Surrogate: SURR: Nitrobenzene-d5	*80.8 %*			*22-108*	*EPA 8270E*	*8/19/26 15:04*
Surrogate: SURR: 2-Fluorobiphenyl	*85.7 %*			*21-113*	*EPA 8270E*	*8/19/26 15:04*
Surrogate: SURR: 2,4,6-Tribromophenol	*98.7 %*			*19-110*	*EPA 8270E*	*8/19/26 15:04*
Surrogate: SURR: Terphenyl-d14	*80.0 %*			*24-116*	*EPA 8270E*	*8/19/26 15:04*

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00797**		D	0.00359	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
4,4'-DDE	**0.00343**		D	0.00153	0.00190	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
4,4'-DDT	**0.00407**	P	DP	0.00302	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Aldrin	ND		U	0.00120	0.00190	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
alpha-BHC	ND		U	0.00521	0.00569	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
alpha-Chlordane	**0.00576**		D	0.00228	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
beta-BHC	ND		U	0.00598	0.00853	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
delta-BHC	ND		U	0.00529	0.00569	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Dieldrin	ND		U	0.00278	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Endosulfan I	ND		U	0.00142	0.00190	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Endosulfan II	ND		U	0.00230	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Endosulfan sulfate	ND		U	0.00190	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Endrin	ND		U	0.00286	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
gamma-BHC (Lindane)	ND		U	0.00243	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ
Heptachlor	ND		U	0.00193	0.00379	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:03	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*28.7 %*	S-08, S-GC		*30-150*	*EPA 8081B*	*8/17/26 17:03*
Surrogate: Tetrachloro-m-xylene	*52.9 %*			*30-150*	*EPA 8081B*	*8/17/26 17:03*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1221	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1232	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1242	**0.0234**	P	P	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1248	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1254	**0.0563**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1260	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1262	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
Aroclor 1268	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF
* Total PCBs	**0.0797**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:17	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*47.5 %*			*30-120*	*EPA 8082A*	*8/19/26 03:17*
Surrogate: Decachlorobiphenyl	*34.5 %*			*30-120*	*EPA 8082A*	*8/19/26 03:17*

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR
Barium	**0.778**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR
Lead	**0.452**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:29	AGNR

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7090**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Arsenic	**5.71**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Barium	**186**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Beryllium	**0.218**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Cadmium	**0.683**			0.277	0.277	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Calcium	**9760**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Chromium	**18.7**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Cobalt	**19.0**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Copper	**55.8**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Iron	**14700**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Lead	**330**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Magnesium	**3300**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Manganese	**200**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Nickel	**26.5**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Potassium	**971**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Silver	ND		U	0.465	0.465	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Sodium	**153**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Vanadium	**23.1**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR
Zinc	**276**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:51	AGNR

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-07**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-19	**Collection Date/Time:**	8/12/26 8:45

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.704**			0.0109	0.0344	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:27	LCB

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.209	0.573	1	mg/kg dry	EPA 7196A	8/17/26 15:15	8/17/26 21:00	SML
pH	**7.71**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:47	BF
* Temperature	**22.2**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:47	BF
Cyanide, total	ND		U	0.337	0.573	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.3**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-08**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-19-G1	**Collection Date/Time:**	8/12/26 8:40

Lab ID:	**26H0685-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,1-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,2-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,3-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
2,2-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
2-Butanone	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
2-Chloroethylvinyl ether	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
2-Chlorotoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-08**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-19-G1	**Collection Date/Time:**	8/12/26 8:40

Lab ID:	**26H0685-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
4-Chlorotoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
4-Methyl-2-pentanone	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Acetone	ND	CAL-E	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Acrolein	ND	ICVE	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Acrylonitrile	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Bromobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Bromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Bromodichloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Bromoform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Bromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Carbon disulfide	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Carbon tetrachloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Chlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Chloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Chloroform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Chloromethane	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Cyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Dibromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Dibromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0041	0.0082	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* Ethanol	ND		U	0.041	0.082	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-08**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-19-G1	**Collection Date/Time:**	8/12/26 8:40

Lab ID:	**26H0685-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0041	0.0082	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* Iodomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Isopropylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Methyl acetate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Methyl Methacrylate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Methylcyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Naphthalene	ND		U	0.0026	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
n-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
n-Propylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
o-Xylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* p-Diethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* p-Ethyltoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
sec-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Styrene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.041	0.082	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0041	0.0082	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
tert-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Tetrachloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* Tetrahydrofuran	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-08**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-19-G1	**Collection Date/Time:**	8/12/26 8:40

Lab ID:	**26H0685-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Trichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Vinyl acetate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Vinyl Chloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS
Xylenes, Total	ND		U	0.0077	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:06	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/16/26 01:06*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 01:06*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/16/26 01:06*

Lab ID:	**26H0685-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.3**		B	0.100	0.100	1	%	SM 2540G	8/14/26 8:32	8/14/26 12:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0388	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0317	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
1,2,4-Trichlorobenzene	ND		U	0.0344	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
1,2-Dichlorobenzene	ND		U	0.0297	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0299	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
1,3-Dichlorobenzene	ND		U	0.0346	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
1,4-Dichlorobenzene	ND		U	0.0285	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0448	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,4,5-Trichlorophenol	ND		U	0.0445	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,4,6-Trichlorophenol	ND		U	0.0287	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,4-Dichlorophenol	ND		U	0.0327	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,4-Dimethylphenol	ND		U	0.0406	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0365	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,4-Dinitrotoluene	ND		U	0.0355	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2,6-Dinitrotoluene	ND		U	0.0390	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2-Chloronaphthalene	ND		U	0.0311	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2-Chlorophenol	ND		U	0.0279	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2-Methylnaphthalene	ND		U	0.0287	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2-Methylphenol	ND		U	0.0298	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2-Nitroaniline	ND		U	0.0264	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
2-Nitrophenol	ND		U	0.0417	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
* 3- & 4-Methylphenols	ND		U	0.0293	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0287	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
3-Nitroaniline	ND		U	0.0355	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0489	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
4-Bromophenyl phenyl ether	ND		U	0.0386	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0310	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
4-Chloroaniline	ND		U	0.0294	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
4-Chlorophenyl phenyl ether	ND		U	0.0389	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
4-Nitroaniline	ND		U	0.0335	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
4-Nitrophenol	ND		U	0.0553	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Acenaphthene	**0.104**			0.0347	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Acenaphthylene	**0.123**			0.0299	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Acetophenone	ND		U	0.0287	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Aniline	ND		U	0.0407	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Anthracene	**0.318**			0.0313	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Atrazine	ND		U	0.0334	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzaldehyde	ND		U	0.0340	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzidine	ND	CAL-E	U	0.0113	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzo(a)anthracene	**1.23**			0.0306	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzo(a)pyrene	**1.41**			0.0345	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzo(b)fluoranthene	**1.26**			0.0352	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzo(g,h,i)perylene	**0.659**			0.0335	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzo(k)fluoranthene	**0.922**			0.0346	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0393	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzyl alcohol	ND		U	0.0290	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Benzyl butyl phthalate	ND		U	0.0409	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Bis(2-chloroethoxy)methane	ND		U	0.0292	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Bis(2-chloroethyl)ether	ND		U	0.0218	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0415	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Bis(2-ethylhexyl)phthalate	**0.0929**	J	J	0.0404	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Caprolactam	ND		U	0.0456	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.103**			0.0312	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Chrysene	**1.12**			0.0301	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Dibenzo(a,h)anthracene	**0.0734**	J	J	0.0281	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Dibenzofuran	**0.0483**	J	J	0.0310	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Diethyl phthalate	ND		U	0.0357	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Dimethyl phthalate	ND		U	0.0320	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Di-n-butyl phthalate	ND		U	0.0394	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0300	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Fluoranthene	**2.13**		D	0.151	0.468	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 22:24	DD
Fluorene	**0.0955**			0.0354	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Hexachlorobenzene	ND		U	0.0379	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Hexachlorobutadiene	ND		U	0.0313	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Hexachlorocyclopentadiene	ND		U	0.0471	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Hexachloroethane	ND		U	0.0363	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Indeno(1,2,3-cd)pyrene	**0.684**			0.0363	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Isophorone	ND		U	0.0314	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Naphthalene	ND		U	0.0327	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Nitrobenzene	ND		U	0.0316	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
N-Nitrosodimethylamine	ND		U	0.0408	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
N-nitroso-di-n-propylamine	ND		U	0.0305	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
N-Nitrosodiphenylamine	ND		U	0.0377	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Pentachlorophenol	ND	CCVE	U	0.0417	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Phenanthrene	**1.09**			0.0301	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Phenol	ND		U	0.0395	0.0936	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 15:36	sr
Pyrene	**1.76**		D	0.148	0.468	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 22:24	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*81.9 %*			*20-108*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: Phenol-d6	*78.7 %*			*23-114*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: Nitrobenzene-d5	*83.0 %*			*22-108*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: 2-Fluorobiphenyl	*81.5 %*			*21-113*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: 2,4,6-Tribromophenol	*101 %*			*19-110*	*EPA 8270E*	*8/19/26 15:36*
Surrogate: SURR: Terphenyl-d14	*81.2 %*			*24-116*	*EPA 8270E*	*8/19/26 15:36*

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0140**		D	0.00356	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
4,4'-DDE	**0.00439**		D	0.00151	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
4,4'-DDT	ND		U	0.00299	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Aldrin	ND		U	0.00119	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
alpha-BHC	ND		U	0.00516	0.00563	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
alpha-Chlordane	**0.00521**		D	0.00226	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
beta-BHC	ND		U	0.00592	0.00845	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
delta-BHC	ND		U	0.00524	0.00563	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Dieldrin	ND		U	0.00276	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Endosulfan I	ND		U	0.00141	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Endosulfan II	ND		U	0.00228	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Endosulfan sulfate	ND		U	0.00188	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Endrin	ND		U	0.00284	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
gamma-BHC (Lindane)	ND		U	0.00241	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ
Heptachlor	ND		U	0.00191	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:20	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*43.7 %*			*30-150*	*EPA 8081B*	*8/17/26 17:20*
Surrogate: Tetrachloro-m-xylene	*72.0 %*			*30-150*	*EPA 8081B*	*8/17/26 17:20*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1221	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1232	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1242	**0.0554**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1248	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1254	**0.0447**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1260	**0.0323**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1262	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
Aroclor 1268	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF
* Total PCBs	**0.132**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:31	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*66.5 %*			*30-120*	*EPA 8082A*	*8/19/26 03:31*
Surrogate: Decachlorobiphenyl	*58.5 %*			*30-120*	*EPA 8082A*	*8/19/26 03:31*

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR
Barium	**0.748**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR
Lead	**0.662**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:37	AGNR

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7190**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Antimony	ND		U	2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Arsenic	**8.69**			1.37	1.37	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Barium	**180**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Beryllium	**0.260**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Cadmium	**0.704**			0.274	0.274	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Calcium	**10600**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Chromium	**18.1**			0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Cobalt	**11.7**			0.366	0.366	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Copper	**69.0**			1.83	1.83	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Iron	**15700**			22.9	22.9	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Lead	**297**			0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Magnesium	**4070**			4.58	4.58	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Manganese	**199**			0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Nickel	**21.5**			0.911	0.911	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Potassium	**933**			4.58	4.58	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Selenium	ND		U	2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Silver	**0.467**			0.461	0.461	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Sodium	**159**			45.7	45.7	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Thallium	ND		U	1.10	1.83	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Vanadium	**21.5**			0.911	0.911	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR
Zinc	**274**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:53	AGNR

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-09**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-20	**Collection Date/Time:**	8/12/26 9:05

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.452**			0.0108	0.0340	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:27	LCB

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.206	0.565	1	mg/kg dry	EPA 7196A	8/17/26 15:15	8/17/26 21:00	SML
pH	**7.89**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:48	BF
* Temperature	**22.2**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:48	BF
Cyanide, total	ND		U	0.334	0.567	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-10**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-20-G5	**Collection Date/Time:**	8/12/26 9:00

Lab ID:	**26H0685-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1,1-Trichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1,2-Trichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1-Dichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1-Dichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,1-Dichloropropylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2,3-Trichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2,3-Trichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2,4-Trichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2,4-Trimethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2-Dibromoethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2-Dichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2-Dichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,2-Dichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,3,5-Trimethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,3-Dichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,3-Dichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
1,4-Dichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
2,2-Dichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
2-Butanone	**0.012**			0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
2-Chloroethylvinyl ether	ND		U	0.0098	0.020	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
2-Chlorotoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-10**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-20-G5	**Collection Date/Time:**	8/12/26 9:00

Lab ID:	**26H0685-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
4-Chlorotoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
4-Methyl-2-pentanone	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Acetone	**0.066**	CAL-E, CCVE		0.0049	0.0098	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Acrolein	ND	ICVE	U	0.0049	0.0098	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Acrylonitrile	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Benzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Bromobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Bromochloromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Bromodichloromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Bromoform	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Bromomethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Carbon disulfide	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Carbon tetrachloride	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Chlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Chloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Chloroform	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Chloromethane	ND	CCVE	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
cis-1,2-Dichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
cis-1,3-Dichloropropylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Cyclohexane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Dibromochloromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Dibromomethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0039	0.0078	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* Ethanol	ND		U	0.039	0.078	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-10**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-20-G5	**Collection Date/Time:**	8/12/26 9:00

Lab ID:	**26H0685-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0039	0.0078	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* Iodomethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Isopropylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Methyl acetate	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Methyl Methacrylate	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Methylcyclohexane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Methylene chloride	ND		U	0.0049	0.0098	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Naphthalene	ND		U	0.0024	0.0098	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
n-Butylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
n-Propylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
o-Xylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
p- & m- Xylenes	ND		U	0.0049	0.0098	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* p-Diethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* p-Ethyltoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
p-Isopropyltoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
sec-Butylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Styrene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.039	0.078	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0039	0.0078	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
tert-Butyl alcohol (TBA)	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
tert-Butylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Tetrachloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* Tetrahydrofuran	ND		U	0.0049	0.0098	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-10**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-20-G5	**Collection Date/Time:**	8/12/26 9:00

Lab ID:	**26H0685-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
trans-1,2-Dichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
trans-1,3-Dichloropropylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Trichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Trichlorofluoromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Vinyl acetate	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Vinyl Chloride	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS
Xylenes, Total	ND		U	0.0073	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 01:33	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/16/26 01:33*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 01:33*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/16/26 01:33*

Lab ID:	**26H0685-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0400	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0327	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
1,2,4-Trichlorobenzene	ND		U	0.0355	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
1,2-Dichlorobenzene	ND		U	0.0306	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0308	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
1,3-Dichlorobenzene	ND		U	0.0357	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
1,4-Dichlorobenzene	ND		U	0.0294	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0462	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,4,5-Trichlorophenol	ND		U	0.0459	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,4,6-Trichlorophenol	ND		U	0.0296	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,4-Dichlorophenol	ND		U	0.0337	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,4-Dimethylphenol	ND		U	0.0419	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0377	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,4-Dinitrotoluene	ND		U	0.0366	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2,6-Dinitrotoluene	ND		U	0.0402	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2-Chloronaphthalene	ND		U	0.0321	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2-Chlorophenol	ND		U	0.0288	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2-Methylnaphthalene	ND		U	0.0296	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2-Methylphenol	ND		U	0.0307	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2-Nitroaniline	ND		U	0.0273	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
2-Nitrophenol	ND		U	0.0430	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
* 3- & 4-Methylphenols	ND		U	0.0302	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0296	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
3-Nitroaniline	ND		U	0.0366	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0504	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
4-Bromophenyl phenyl ether	ND		U	0.0398	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0320	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
4-Chloroaniline	ND		U	0.0303	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
4-Chlorophenyl phenyl ether	ND		U	0.0401	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
4-Nitroaniline	ND		U	0.0346	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
4-Nitrophenol	ND		U	0.0570	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Acenaphthene	**0.131**			0.0357	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Acenaphthylene	**0.0911**	J	J	0.0309	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Acetophenone	ND		U	0.0296	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Aniline	ND		U	0.0420	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Anthracene	**0.273**			0.0322	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Atrazine	ND		U	0.0345	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzaldehyde	ND		U	0.0351	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzidine	ND	CAL-E	U	0.0117	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzo(a)anthracene	**0.880**			0.0315	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzo(a)pyrene	**1.00**			0.0356	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzo(b)fluoranthene	**0.851**			0.0363	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzo(g,h,i)perylene	**0.469**			0.0345	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzo(k)fluoranthene	**0.652**			0.0357	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0406	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzyl alcohol	ND		U	0.0299	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Benzyl butyl phthalate	ND		U	0.0421	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Bis(2-chloroethoxy)methane	ND		U	0.0301	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Bis(2-chloroethyl)ether	ND		U	0.0224	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0428	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0417	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Caprolactam	ND		U	0.0470	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.102**			0.0321	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Chrysene	**0.816**			0.0310	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Dibenzo(a,h)anthracene	**0.0417**	J	J	0.0289	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Dibenzofuran	ND		U	0.0319	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Diethyl phthalate	ND		U	0.0368	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Dimethyl phthalate	ND		U	0.0330	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Di-n-butyl phthalate	**0.0876**	J	J	0.0406	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0309	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Fluoranthene	**1.65**		D	0.155	0.482	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:52	DD
Fluorene	**0.139**			0.0365	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Hexachlorobenzene	ND		U	0.0391	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Hexachlorobutadiene	ND		U	0.0323	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Hexachlorocyclopentadiene	ND		U	0.0486	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Hexachloroethane	ND		U	0.0374	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Indeno(1,2,3-cd)pyrene	**0.469**			0.0374	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Isophorone	ND		U	0.0324	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Naphthalene	**0.0471**	J	J	0.0337	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Nitrobenzene	ND		U	0.0326	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
N-Nitrosodimethylamine	ND		U	0.0421	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
N-nitroso-di-n-propylamine	ND		U	0.0315	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
N-Nitrosodiphenylamine	ND		U	0.0389	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Pentachlorophenol	ND	CCVE	U	0.0430	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Phenanthrene	**1.17**			0.0310	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Phenol	ND		U	0.0407	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr
Pyrene	**1.62**		E	0.0304	0.0965	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:08	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*81.2 %*			*20-108*	*EPA 8270E*	*8/19/26 16:08*
Surrogate: SURR: Phenol-d6	*74.9 %*			*23-114*	*EPA 8270E*	*8/19/26 16:08*
Surrogate: SURR: Nitrobenzene-d5	*81.8 %*			*22-108*	*EPA 8270E*	*8/19/26 16:08*
Surrogate: SURR: 2-Fluorobiphenyl	*79.9 %*			*21-113*	*EPA 8270E*	*8/19/26 16:08*
Surrogate: SURR: 2,4,6-Tribromophenol	*92.9 %*			*19-110*	*EPA 8270E*	*8/19/26 16:08*
Surrogate: SURR: Terphenyl-d14	*76.3 %*			*24-116*	*EPA 8270E*	*8/19/26 16:08*

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0154**		D	0.00366	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
4,4'-DDE	**0.00730**		D	0.00155	0.00193	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
4,4'-DDT	**0.00676**	P	DP	0.00307	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Aldrin	ND		U	0.00122	0.00193	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
alpha-BHC	ND		U	0.00531	0.00579	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
alpha-Chlordane	ND		U	0.00232	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
beta-BHC	ND		U	0.00609	0.00869	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
delta-BHC	ND		U	0.00538	0.00579	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Dieldrin	ND		U	0.00283	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Endosulfan I	ND		U	0.00145	0.00193	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Endosulfan II	ND		U	0.00234	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Endosulfan sulfate	ND		U	0.00193	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Endrin	ND		U	0.00291	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
gamma-BHC (Lindane)	ND		U	0.00248	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ
Heptachlor	ND		U	0.00197	0.00386	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:37	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*66.1 %*			*30-150*	*EPA 8081B*	*8/17/26 17:37*
Surrogate: Tetrachloro-m-xylene	*73.9 %*			*30-150*	*EPA 8081B*	*8/17/26 17:37*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1221	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1232	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1242	**0.118**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1248	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1254	**0.120**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1260	**0.0891**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1262	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
Aroclor 1268	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF
* Total PCBs	**0.327**			0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:45	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.5 %*			*30-120*	*EPA 8082A*	*8/19/26 03:45*
Surrogate: Decachlorobiphenyl	*114 %*			*30-120*	*EPA 8082A*	*8/19/26 03:45*

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR
Barium	**1.13**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR
Lead	**0.682**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:38	AGNR

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5590**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Antimony	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Arsenic	**6.86**			1.41	1.41	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Barium	**294**			2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Beryllium	**0.221**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Cadmium	**1.13**			0.282	0.282	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Calcium	**14900**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Chromium	**31.4**			0.471	0.471	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Cobalt	**5.35**			0.376	0.376	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Copper	**113**			1.88	1.88	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Iron	**18300**			23.5	23.5	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Lead	**474**			0.471	0.471	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Magnesium	**6980**			4.71	4.71	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Manganese	**188**			0.471	0.471	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Nickel	**20.1**			0.937	0.937	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Potassium	**701**			4.71	4.71	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Selenium	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Silver	**1.06**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Sodium	**183**			47.0	47.0	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Thallium	ND		U	1.13	1.88	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Vanadium	**20.6**			0.937	0.937	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR
Zinc	**355**			2.34	2.34	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:54	AGNR

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-11**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9-CS-21	**Collection Date/Time:**	8/12/26 8:00

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.38**			0.0111	0.0350	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:27	LCB

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.213	0.583	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.73**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:49	BF
* Temperature	**22.2**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:49	BF
Cyanide, total	ND		U	0.343	0.583	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.8**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/14/26 11:01	8/14/26 18:14	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-12**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-21-G10	**Collection Date/Time:**	8/12/26 8:10

Lab ID:	**26H0685-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1,1-Trichloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1,2-Trichloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1-Dichloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1-Dichloroethylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,1-Dichloropropylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2,3-Trichlorobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2,3-Trichloropropane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2,4-Trichlorobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2,4-Trimethylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2-Dibromoethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2-Dichlorobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2-Dichloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,2-Dichloropropane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,3,5-Trimethylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,3-Dichlorobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,3-Dichloropropane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
1,4-Dichlorobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
2,2-Dichloropropane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
2-Butanone	**0.049**			0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
2-Chloroethylvinyl ether	ND		U	0.015	0.029	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
2-Chlorotoluene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-12**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-21-G10	**Collection Date/Time:**	8/12/26 8:10

Lab ID:	**26H0685-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
4-Chlorotoluene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
4-Methyl-2-pentanone	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Acetone	**0.25**	CAL-E, CCVE		0.0073	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Acrolein	ND	ICVE	U	0.0073	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Acrylonitrile	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Benzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Bromobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Bromochloromethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Bromodichloromethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Bromoform	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Bromomethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Carbon disulfide	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Carbon tetrachloride	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Chlorobenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Chloroethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Chloroform	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Chloromethane	ND	CCVE	U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
cis-1,2-Dichloroethylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
cis-1,3-Dichloropropylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Cyclohexane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Dibromochloromethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Dibromomethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* Ethanol	ND		U	0.058	0.12	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-12**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-21-G10	**Collection Date/Time:**	8/12/26 8:10

Lab ID:	**26H0685-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* Iodomethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Isopropylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Methyl acetate	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Methyl Methacrylate	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Methylcyclohexane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Methylene chloride	ND		U	0.0073	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Naphthalene	ND		U	0.0037	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
n-Butylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
n-Propylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
o-Xylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
p- & m- Xylenes	ND		U	0.0073	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* p-Diethylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* p-Ethyltoluene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
p-Isopropyltoluene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
sec-Butylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Styrene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.058	0.12	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
tert-Butyl alcohol (TBA)	ND		U	0.018	0.037	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
tert-Butylbenzene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Tetrachloroethylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* Tetrahydrofuran	ND		U	0.0073	0.015	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-12**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-9- CS-21-G10	**Collection Date/Time:**	8/12/26 8:10

Lab ID:	**26H0685-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
trans-1,2-Dichloroethylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
trans-1,3-Dichloropropylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Trichloroethylene	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Trichlorofluoromethane	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Vinyl acetate	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Vinyl Chloride	ND		U	0.0037	0.0073	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS
Xylenes, Total	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:00	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/16/26 02:00*
Surrogate: SURR: Toluene-d8	*106 %*			*85-120*	*EPA 8260D*	*8/16/26 02:00*
Surrogate: SURR: p-Bromofluorobenzene	*117 %*			*76-130*	*EPA 8260D*	*8/16/26 02:00*

Lab ID:	**26H0685-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**84.9**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0374	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0306	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
1,2,4-Trichlorobenzene	ND		U	0.0332	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
1,2-Dichlorobenzene	ND		U	0.0286	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0288	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
1,3-Dichlorobenzene	ND		U	0.0334	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
1,4-Dichlorobenzene	ND		U	0.0275	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0432	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,4,5-Trichlorophenol	ND		U	0.0429	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,4,6-Trichlorophenol	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,4-Dichlorophenol	ND		U	0.0315	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,4-Dimethylphenol	ND		U	0.0392	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0352	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,4-Dinitrotoluene	ND		U	0.0343	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2,6-Dinitrotoluene	ND		U	0.0376	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2-Chloronaphthalene	ND		U	0.0300	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2-Chlorophenol	ND		U	0.0269	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2-Methylnaphthalene	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2-Methylphenol	ND		U	0.0287	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2-Nitroaniline	ND		U	0.0255	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
2-Nitrophenol	ND		U	0.0402	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
* 3- & 4-Methylphenols	ND		U	0.0282	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
3-Nitroaniline	ND		U	0.0343	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0472	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
4-Bromophenyl phenyl ether	ND		U	0.0373	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0299	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
4-Chloroaniline	ND		U	0.0284	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
4-Chlorophenyl phenyl ether	ND		U	0.0375	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
4-Nitroaniline	ND		U	0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
4-Nitrophenol	ND		U	0.0533	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Acenaphthene	ND		U	0.0334	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Acenaphthylene	**0.0697**	J	J	0.0289	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Acetophenone	ND		U	0.0276	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Aniline	ND		U	0.0393	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Anthracene	**0.142**			0.0302	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Atrazine	ND		U	0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzaldehyde	ND		U	0.0328	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzidine	ND	CAL-E	U	0.0109	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzo(a)anthracene	**0.558**			0.0295	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzo(a)pyrene	**0.669**			0.0333	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzo(b)fluoranthene	**0.657**			0.0339	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzo(g,h,i)perylene	**0.353**			0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzo(k)fluoranthene	**0.416**			0.0333	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzoic acid	ND	ICVE, CAL-E, CCVE	U	0.0379	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzyl alcohol	ND		U	0.0280	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Benzyl butyl phthalate	ND		U	0.0394	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Bis(2-chloroethoxy)methane	ND		U	0.0281	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Bis(2-chloroethyl)ether	ND		U	0.0210	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0400	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Bis(2-ethylhexyl)phthalate	**0.0462**	J	J	0.0390	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Caprolactam	ND		U	0.0440	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0394**	J	J	0.0300	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Chrysene	**0.508**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Dibenzo(a,h)anthracene	**0.0401**	J	J	0.0271	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Dibenzofuran	ND		U	0.0299	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Diethyl phthalate	ND		U	0.0344	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Dimethyl phthalate	ND		U	0.0309	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Di-n-butyl phthalate	ND		U	0.0380	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0289	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Fluoranthene	**0.946**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Fluorene	ND		U	0.0341	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Hexachlorobenzene	ND		U	0.0366	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Hexachlorobutadiene	ND		U	0.0302	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Hexachlorocyclopentadiene	ND		U	0.0454	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Hexachloroethane	ND		U	0.0350	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Indeno(1,2,3-cd)pyrene	**0.347**			0.0350	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Isophorone	ND		U	0.0303	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Naphthalene	ND		U	0.0315	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Nitrobenzene	ND		U	0.0305	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
N-Nitrosodimethylamine	ND		U	0.0393	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
N-nitroso-di-n-propylamine	ND		U	0.0294	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
N-Nitrosodiphenylamine	ND		U	0.0364	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Pentachlorophenol	ND	CCVE	U	0.0402	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Phenanthrene	**0.346**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Phenol	ND		U	0.0381	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr
Pyrene	**0.843**			0.0285	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 16:40	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*92.1 %*			*20-108*	*EPA 8270E*	*8/19/26 16:40*
Surrogate: SURR: Phenol-d6	*88.6 %*			*23-114*	*EPA 8270E*	*8/19/26 16:40*
Surrogate: SURR: Nitrobenzene-d5	*89.0 %*			*22-108*	*EPA 8270E*	*8/19/26 16:40*
Surrogate: SURR: 2-Fluorobiphenyl	*91.2 %*			*21-113*	*EPA 8270E*	*8/19/26 16:40*
Surrogate: SURR: 2,4,6-Tribromophenol	*104 %*			*19-110*	*EPA 8270E*	*8/19/26 16:40*
Surrogate: SURR: Terphenyl-d14	*88.7 %*			*24-116*	*EPA 8270E*	*8/19/26 16:40*

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00342	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
4,4'-DDE	ND		U	0.00145	0.00180	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
4,4'-DDT	ND		U	0.00288	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Aldrin	ND		U	0.00114	0.00180	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
alpha-BHC	ND		U	0.00496	0.00542	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
alpha-Chlordane	ND		U	0.00217	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
beta-BHC	ND		U	0.00569	0.00812	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
delta-BHC	ND		U	0.00503	0.00542	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Dieldrin	ND		U	0.00265	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Endosulfan I	ND		U	0.00135	0.00180	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Endosulfan II	ND		U	0.00219	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Endosulfan sulfate	ND		U	0.00181	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Endrin	ND		U	0.00273	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
gamma-BHC (Lindane)	ND		U	0.00232	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ
Heptachlor	ND		U	0.00184	0.00361	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/18/26 10:36	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*50.1 %*			*30-150*	*EPA 8081B*	*8/18/26 10:36*
Surrogate: Tetrachloro-m-xylene	*85.2 %*			*30-150*	*EPA 8081B*	*8/18/26 10:36*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1254	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
Aroclor 1268	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF
* Total PCBs	**0.0232**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 03:58	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*68.0 %*			*30-120*	*EPA 8082A*	*8/19/26 03:58*
Surrogate: Decachlorobiphenyl	*40.5 %*			*30-120*	*EPA 8082A*	*8/19/26 03:58*

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR
Barium	**0.715**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR
Lead	**0.128**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:40	AGNR

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6920**			4.54	4.54	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Antimony	ND		U	2.27	2.27	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Arsenic	**4.00**			1.36	1.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Barium	**77.9**			2.27	2.27	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Beryllium	**0.174**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Cadmium	ND		U	0.273	0.273	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Calcium	**4430**			4.54	4.54	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Chromium	**20.7**			0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Cobalt	**6.53**			0.363	0.363	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Copper	**29.9**			1.82	1.82	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Iron	**13300**			22.7	22.7	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Lead	**110**			0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Magnesium	**3850**			4.55	4.55	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Manganese	**229**			0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Nickel	**44.0**			0.905	0.905	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Potassium	**1450**			4.55	4.55	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Selenium	ND		U	2.27	2.27	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Silver	ND		U	0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Sodium	**120**			45.4	45.4	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Thallium	ND		U	1.09	1.82	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Vanadium	**28.7**			0.905	0.905	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR
Zinc	**97.8**			2.26	2.26	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:56	AGNR

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-13**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15-CS-22	**Collection Date/Time:**	8/12/26 9:25

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.381**			0.0104	0.0327	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:28	LCB

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND	QM-07	U	0.199	0.545	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**8.15**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 12:51	BF
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 12:51	BF
Cyanide, total	ND		U	0.321	0.545	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:56	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:55	8/18/26 21:30	JS

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-14**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15- CS-22-G7	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2-Dibromoethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,2-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,3-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
2-Butanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
2-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-14**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15- CS-22-G7	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
4-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Acetone	ND	CAL-E	U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Acrolein	ND	ICVE	U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Acrylonitrile	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Bromobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Bromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Bromodichloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Bromoform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Bromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Carbon disulfide	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Carbon tetrachloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Chlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Chloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Chloroform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Chloromethane	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
cis-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Cyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Dibromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Dibromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* Ethanol	ND		U	0.044	0.087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-14**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15- CS-22-G7	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* Iodomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Isopropylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Methyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Methyl Methacrylate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Methylcyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Methylene chloride	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Naphthalene	ND		U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
n-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
n-Propylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
o-Xylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
p- & m- Xylenes	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
sec-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Styrene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.044	0.087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.027	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
tert-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Tetrachloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* Tetrahydrofuran	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-14**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-8/15- CS-22-G7	**Collection Date/Time:**	8/12/26 8:30

Lab ID:	**26H0685-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Trichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Vinyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Vinyl Chloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS
Xylenes, Total	ND		U	0.0082	0.016	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:27	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/16/26 02:27*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 02:27*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*76-130*	*EPA 8260D*	*8/16/26 02:27*

Lab ID:	**26H0685-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.0**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0434	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0355	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
1,2,4-Trichlorobenzene	ND		U	0.0385	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
1,2-Dichlorobenzene	ND		U	0.0332	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0334	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
1,3-Dichlorobenzene	ND		U	0.0387	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
1,4-Dichlorobenzene	ND		U	0.0319	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0502	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,4,5-Trichlorophenol	ND		U	0.0497	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,4,6-Trichlorophenol	ND		U	0.0321	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,4-Dichlorophenol	ND		U	0.0366	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,4-Dimethylphenol	ND		U	0.0455	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0408	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,4-Dinitrotoluene	ND		U	0.0397	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2,6-Dinitrotoluene	ND		U	0.0436	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2-Chloronaphthalene	ND		U	0.0348	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2-Chlorophenol	ND		U	0.0312	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2-Methylnaphthalene	ND		U	0.0321	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2-Methylphenol	ND		U	0.0333	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2-Nitroaniline	ND		U	0.0296	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
2-Nitrophenol	ND		U	0.0467	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
* 3- & 4-Methylphenols	ND		U	0.0328	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0321	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
3-Nitroaniline	ND		U	0.0397	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0547	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
4-Bromophenyl phenyl ether	ND		U	0.0432	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0347	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
4-Chloroaniline	ND		U	0.0329	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
4-Chlorophenyl phenyl ether	ND		U	0.0435	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
4-Nitroaniline	ND		U	0.0375	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
4-Nitrophenol	ND		U	0.0618	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Acenaphthene	**0.264**			0.0388	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Acenaphthylene	**0.213**			0.0335	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Acetophenone	ND		U	0.0321	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Aniline	ND		U	0.0455	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Anthracene	**0.748**			0.0350	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Atrazine	ND		U	0.0374	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzaldehyde	ND		U	0.0381	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzidine	ND	CAL-E	U	0.0127	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzo(a)anthracene	**2.38**		D	0.171	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD
Benzo(a)pyrene	**2.71**		D	0.193	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD
Benzo(b)fluoranthene	**2.26**		D	0.197	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD
Benzo(g,h,i)perylene	**1.44**			0.0375	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzo(k)fluoranthene	**1.54**			0.0387	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzoic acid	ND	CCVE, ICVE, CAL-E	U	0.0440	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzyl alcohol	ND		U	0.0325	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Benzyl butyl phthalate	ND		U	0.0457	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Bis(2-chloroethoxy)methane	ND		U	0.0326	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Bis(2-chloroethyl)ether	ND		U	0.0243	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0464	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0452	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Caprolactam	ND		U	0.0510	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.260**			0.0349	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Chrysene	**2.17**		D	0.168	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD
Dibenzo(a,h)anthracene	**0.159**	CCVE		0.0314	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Dibenzofuran	**0.142**			0.0346	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Diethyl phthalate	ND		U	0.0399	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Dimethyl phthalate	ND		U	0.0358	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Di-n-butyl phthalate	ND		U	0.0441	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0335	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Fluoranthene	**4.53**		D	0.168	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD
Fluorene	**0.241**			0.0396	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Hexachlorobenzene	ND		U	0.0424	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Hexachlorobutadiene	ND		U	0.0350	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Hexachlorocyclopentadiene	ND		U	0.0527	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Hexachloroethane	ND		U	0.0406	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Indeno(1,2,3-cd)pyrene	**1.51**			0.0406	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Isophorone	ND		U	0.0351	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Naphthalene	**0.0444**	J	J	0.0366	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Nitrobenzene	ND		U	0.0354	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
N-Nitrosodimethylamine	ND		U	0.0456	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
N-nitroso-di-n-propylamine	ND		U	0.0342	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
N-Nitrosodiphenylamine	ND		U	0.0422	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Pentachlorophenol	ND	CCVE	U	0.0466	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Phenanthrene	**2.08**		D	0.168	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD
Phenol	ND		U	0.0442	0.105	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:12	sr
Pyrene	**3.74**		D	0.165	0.523	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 21:20	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*80.0 %*			*20-108*	*EPA 8270E*	*8/19/26 17:12*
Surrogate: SURR: Phenol-d6	*76.5 %*			*23-114*	*EPA 8270E*	*8/19/26 17:12*
Surrogate: SURR: Nitrobenzene-d5	*77.2 %*			*22-108*	*EPA 8270E*	*8/19/26 17:12*
Surrogate: SURR: 2-Fluorobiphenyl	*80.8 %*			*21-113*	*EPA 8270E*	*8/19/26 17:12*
Surrogate: SURR: 2,4,6-Tribromophenol	*88.2 %*			*19-110*	*EPA 8270E*	*8/19/26 17:12*
Surrogate: SURR: Terphenyl-d14	*76.7 %*			*24-116*	*EPA 8270E*	*8/19/26 17:12*

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0176**	P	DP	0.00780	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
4,4'-DDE	**0.0143**	P	DP	0.00331	0.00412	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
4,4'-DDT	ND		U	0.00656	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Aldrin	ND		U	0.00260	0.00412	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
alpha-BHC	ND		U	0.0113	0.0124	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
alpha-Chlordane	**0.0269**		D	0.00495	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
beta-BHC	ND		U	0.0130	0.0185	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
delta-BHC	ND		U	0.0115	0.0124	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Dieldrin	ND		U	0.00604	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Endosulfan I	ND		U	0.00309	0.00412	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Endosulfan II	ND		U	0.00500	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Endosulfan sulfate	ND		U	0.00412	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Endrin	ND		U	0.00622	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
gamma-BHC (Lindane)	ND		U	0.00528	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ
Heptachlor	ND		U	0.00420	0.00823	5	mg/kg dry	EPA 8081B	8/19/26 8:48	8/19/26 17:03	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*49.3 %*			*30-150*	*EPA 8081B*	*8/19/26 17:03*
Surrogate: Tetrachloro-m-xylene	*55.8 %*			*30-150*	*EPA 8081B*	*8/19/26 17:03*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1221	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1232	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1242	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1248	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1254	**0.134**	P	P	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1260	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1262	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
Aroclor 1268	ND		U	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF
* Total PCBs	**0.134**	P	P	0.0412	0.0412	1	mg/kg dry	EPA 8082A	8/19/26 8:48	8/19/26 22:40	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*55.0 %*			*30-120*	*EPA 8082A*	*8/19/26 22:40*
Surrogate: Decachlorobiphenyl	*38.5 %*			*30-120*	*EPA 8082A*	*8/19/26 22:40*

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR
Lead	**0.210**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:41	AGNR

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5600**			5.36	5.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Antimony	ND		U	2.68	2.68	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Arsenic	**9.86**			1.61	1.61	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Barium	**157**			2.68	2.68	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Beryllium	**0.153**			0.054	0.054	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Cadmium	**0.557**			0.322	0.322	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Calcium	**10600**			5.36	5.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Chromium	**12.7**			0.536	0.536	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Cobalt	**5.21**			0.428	0.428	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Copper	**33.9**			2.14	2.14	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Iron	**12800**			26.8	26.8	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Lead	**326**			0.536	0.536	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Magnesium	**2850**			5.36	5.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Manganese	**146**			0.536	0.536	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Nickel	**21.2**			1.07	1.07	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Potassium	**636**			5.36	5.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Selenium	ND		U	2.68	2.68	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Silver	ND		U	0.540	0.540	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Sodium	**159**			53.6	53.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Thallium	ND		U	1.29	2.15	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Vanadium	**17.1**			1.07	1.07	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR
Zinc	**292**			2.67	2.67	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:57	AGNR

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-15**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-23	**Collection Date/Time:**	8/12/26 10:05

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.980**			0.0120	0.0379	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 10:28	LCB

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.231	0.632	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.82**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:18	BF
* Temperature	**20.8**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:18	BF
Cyanide, total	ND		U	0.372	0.632	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**79.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	Free Liquid Present			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-16**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-23-G7	**Collection Date/Time:**	8/12/26 10:00

Lab ID:	**26H0685-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1-Dichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,1-Dichloropropylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,3-Dichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
2,2-Dichloropropane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
2-Butanone	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
2-Chlorotoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-16**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-23-G7	**Collection Date/Time:**	8/12/26 10:00

Lab ID:	**26H0685-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
4-Chlorotoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
4-Methyl-2-pentanone	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Acetone	ND	CAL-E	U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Acrolein	ND	ICVE	U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Acrylonitrile	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Benzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Bromobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Bromochloromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Bromodichloromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Bromoform	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Bromomethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Carbon disulfide	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Carbon tetrachloride	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Chlorobenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Chloroethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Chloroform	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Cyclohexane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Dibromochloromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Dibromomethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* Ethanol	ND		U	0.052	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-16**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-23-G7	**Collection Date/Time:**	8/12/26 10:00

Lab ID:	**26H0685-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* Iodomethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Isopropylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Methyl acetate	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Methyl Methacrylate	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Methylcyclohexane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Methylene chloride	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Naphthalene	ND		U	0.0033	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
n-Butylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
n-Propylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
o-Xylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
p- & m- Xylenes	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* p-Diethylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* p-Ethyltoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
sec-Butylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Styrene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.052	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
tert-Butyl alcohol (TBA)	ND		U	0.016	0.033	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
tert-Butylbenzene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Tetrachloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* Tetrahydrofuran	ND		U	0.0066	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-16**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-23-G7	**Collection Date/Time:**	8/12/26 10:00

Lab ID:	**26H0685-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Trichloroethylene	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Vinyl acetate	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Vinyl Chloride	ND		U	0.0033	0.0066	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS
Xylenes, Total	ND		U	0.0098	0.020	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 02:54	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/16/26 02:54*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 02:54*
Surrogate: SURR: p-Bromofluorobenzene	*112 %*			*76-130*	*EPA 8260D*	*8/16/26 02:54*

Lab ID:	**26H0685-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.8**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0382	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0313	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
1,2,4-Trichlorobenzene	ND		U	0.0339	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
1,2-Dichlorobenzene	ND		U	0.0292	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0294	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
1,3-Dichlorobenzene	ND		U	0.0341	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
1,4-Dichlorobenzene	ND		U	0.0281	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0442	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,4,5-Trichlorophenol	ND		U	0.0438	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,4,6-Trichlorophenol	ND		U	0.0283	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,4-Dichlorophenol	ND		U	0.0322	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,4-Dimethylphenol	ND		U	0.0400	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0360	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,4-Dinitrotoluene	ND		U	0.0350	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2,6-Dinitrotoluene	ND		U	0.0384	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2-Chloronaphthalene	ND		U	0.0307	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2-Chlorophenol	ND		U	0.0275	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2-Methylnaphthalene	ND		U	0.0283	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2-Methylphenol	ND		U	0.0294	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2-Nitroaniline	ND		U	0.0260	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
2-Nitrophenol	ND		U	0.0411	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
* 3- & 4-Methylphenols	ND		U	0.0288	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0283	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
3-Nitroaniline	ND		U	0.0350	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0482	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
4-Bromophenyl phenyl ether	ND		U	0.0381	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0305	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
4-Chloroaniline	ND		U	0.0290	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
4-Chlorophenyl phenyl ether	ND		U	0.0383	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
4-Nitroaniline	ND		U	0.0330	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
4-Nitrophenol	ND		U	0.0544	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Acenaphthene	**0.273**			0.0341	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Acenaphthylene	**0.114**			0.0295	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Acetophenone	ND		U	0.0282	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Aniline	ND		U	0.0401	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Anthracene	**0.486**			0.0308	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Atrazine	ND		U	0.0329	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzaldehyde	ND		U	0.0335	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzidine	ND	CAL-E	U	0.0111	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzo(a)anthracene	**1.64**		D	0.151	0.461	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:48	DD
Benzo(a)pyrene	**1.81**		D	0.170	0.461	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:48	DD
Benzo(b)fluoranthene	**1.58**		D	0.173	0.461	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:48	DD
Benzo(g,h,i)perylene	**0.900**			0.0330	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzo(k)fluoranthene	**1.28**			0.0341	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0388	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzyl alcohol	ND		U	0.0286	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Benzyl butyl phthalate	ND		U	0.0402	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Bis(2-chloroethoxy)methane	ND		U	0.0287	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Bis(2-chloroethyl)ether	ND		U	0.0214	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0409	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Bis(2-ethylhexyl)phthalate	**0.0682**	J	J	0.0398	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Caprolactam	ND		U	0.0449	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.185**			0.0307	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Chrysene	**1.69**		E	0.0296	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Dibenzo(a,h)anthracene	**0.110**	CCVE		0.0276	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Dibenzofuran	**0.0893**	J	J	0.0305	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Diethyl phthalate	ND		U	0.0351	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Dimethyl phthalate	ND		U	0.0315	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Di-n-butyl phthalate	ND		U	0.0388	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0295	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Fluoranthene	**3.50**		D	0.148	0.461	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:48	DD
Fluorene	**0.150**			0.0349	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Hexachlorobenzene	ND		U	0.0374	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Hexachlorobutadiene	ND		U	0.0309	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Hexachlorocyclopentadiene	ND		U	0.0464	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Hexachloroethane	ND		U	0.0358	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Indeno(1,2,3-cd)pyrene	**0.950**			0.0357	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Isophorone	ND		U	0.0309	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Naphthalene	**0.0332**	J	J	0.0322	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Nitrobenzene	ND		U	0.0311	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
N-Nitrosodimethylamine	ND		U	0.0402	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
N-nitroso-di-n-propylamine	ND		U	0.0301	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
N-Nitrosodiphenylamine	ND		U	0.0372	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Pentachlorophenol	ND	CCVE	U	0.0411	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Phenanthrene	**1.62**		E	0.0296	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Phenol	ND		U	0.0389	0.0922	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 17:45	sr
Pyrene	**2.80**		D	0.145	0.461	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:48	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*78.9 %*			*20-108*	*EPA 8270E*	*8/19/26 17:45*
Surrogate: SURR: Phenol-d6	*75.3 %*			*23-114*	*EPA 8270E*	*8/19/26 17:45*
Surrogate: SURR: Nitrobenzene-d5	*77.6 %*			*22-108*	*EPA 8270E*	*8/19/26 17:45*
Surrogate: SURR: 2-Fluorobiphenyl	*82.8 %*			*21-113*	*EPA 8270E*	*8/19/26 17:45*
Surrogate: SURR: 2,4,6-Tribromophenol	*94.1 %*			*19-110*	*EPA 8270E*	*8/19/26 17:45*
Surrogate: SURR: Terphenyl-d14	*76.6 %*			*24-116*	*EPA 8270E*	*8/19/26 17:45*

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0144**		D	0.00349	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
4,4'-DDE	**0.00794**	P	DP	0.00148	0.00184	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
4,4'-DDT	**0.00471**	P	DP	0.00294	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Aldrin	ND		U	0.00117	0.00184	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
alpha-BHC	ND		U	0.00507	0.00553	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
alpha-Chlordane	**0.0162**		D	0.00222	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
beta-BHC	ND		U	0.00581	0.00830	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
delta-BHC	ND		U	0.00514	0.00553	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Dieldrin	ND		U	0.00271	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Endosulfan I	ND		U	0.00138	0.00184	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Endosulfan II	ND		U	0.00224	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Endosulfan sulfate	ND		U	0.00185	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Endrin	ND		U	0.00278	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
gamma-BHC (Lindane)	ND		U	0.00237	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ
Heptachlor	ND		U	0.00188	0.00369	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:39	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*62.1 %*			*30-150*	*EPA 8081B*	*8/17/26 15:39*
Surrogate: Tetrachloro-m-xylene	*98.1 %*			*30-150*	*EPA 8081B*	*8/17/26 15:39*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1242	**0.102**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1254	**0.0721**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF
* Total PCBs	**0.174**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:12	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*64.0 %*			*30-120*	*EPA 8082A*	*8/19/26 04:12*
Surrogate: Decachlorobiphenyl	*51.0 %*			*30-120*	*EPA 8082A*	*8/19/26 04:12*

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR
Barium	**0.660**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR
Lead	**0.600**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:43	AGNR

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7640**			4.56	4.56	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Antimony	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Arsenic	**5.19**			1.37	1.37	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Barium	**147**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Beryllium	**0.230**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Cadmium	**0.411**			0.274	0.274	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Calcium	**8130**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Chromium	**16.9**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Cobalt	**7.25**			0.365	0.365	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Copper	**46.3**			1.83	1.83	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Iron	**14900**			22.8	22.8	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Lead	**257**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Magnesium	**3480**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Manganese	**225**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Nickel	**33.4**			0.909	0.909	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Potassium	**1130**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Selenium	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Silver	ND		U	0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Sodium	**183**			45.7	45.7	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Thallium	ND		U	1.10	1.83	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Vanadium	**36.1**			0.909	0.909	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR
Zinc	**158**			2.27	2.27	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 13:59	AGNR

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-17**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16-CS-24	**Collection Date/Time:**	8/12/26 10:15

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.624**			0.0106	0.0334	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 13:08	LCB

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.203	0.557	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.72**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:24	BF
* Temperature	**21.0**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:24	BF
Cyanide, total	ND		U	0.328	0.557	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.8**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-18**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-24-G1	**Collection Date/Time:**	8/12/26 10:10

Lab ID:	**26H0685-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1-Dichloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,1-Dichloropropylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,3-Dichloropropane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
2,2-Dichloropropane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
2-Butanone	**0.011**			0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
2-Chlorotoluene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-18**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-24-G1	**Collection Date/Time:**	8/12/26 10:10

Lab ID:	**26H0685-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
4-Chlorotoluene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
4-Methyl-2-pentanone	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Acetone	**0.069**	CAL-E, CCVE		0.0065	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Acrolein	ND	ICVE	U	0.0065	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Acrylonitrile	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Benzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Bromobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Bromochloromethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Bromodichloromethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Bromoform	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Bromomethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Carbon disulfide	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Carbon tetrachloride	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Chlorobenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Chloroethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Chloroform	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Cyclohexane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Dibromochloromethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Dibromomethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* Ethanol	ND		U	0.052	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-18**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-24-G1	**Collection Date/Time:**	8/12/26 10:10

Lab ID:	**26H0685-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* Iodomethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Isopropylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Methyl acetate	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Methyl Methacrylate	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Methylcyclohexane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Methylene chloride	ND		U	0.0065	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Naphthalene	ND		U	0.0033	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
n-Butylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
n-Propylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
o-Xylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
p- & m- Xylenes	ND		U	0.0065	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* p-Diethylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* p-Ethyltoluene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
sec-Butylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Styrene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.052	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
tert-Butyl alcohol (TBA)	ND		U	0.016	0.033	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
tert-Butylbenzene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Tetrachloroethylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* Tetrahydrofuran	ND		U	0.0065	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-18**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-16- CS-24-G1	**Collection Date/Time:**	8/12/26 10:10

Lab ID:	**26H0685-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Trichloroethylene	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Vinyl acetate	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Vinyl Chloride	ND		U	0.0033	0.0065	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS
Xylenes, Total	ND		U	0.0098	0.020	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:22	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*112 %*			*77-125*	*EPA 8260D*	*8/16/26 03:22*
Surrogate: SURR: Toluene-d8	*104 %*			*85-120*	*EPA 8260D*	*8/16/26 03:22*
Surrogate: SURR: p-Bromofluorobenzene	*112 %*			*76-130*	*EPA 8260D*	*8/16/26 03:22*

Lab ID:	**26H0685-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.6**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0385	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0315	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
1,2,4-Trichlorobenzene	ND		U	0.0342	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
1,2-Dichlorobenzene	ND		U	0.0294	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0296	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
1,3-Dichlorobenzene	ND		U	0.0344	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
1,4-Dichlorobenzene	ND		U	0.0283	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0445	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,4,5-Trichlorophenol	ND		U	0.0441	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,4,6-Trichlorophenol	ND		U	0.0285	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,4-Dichlorophenol	ND		U	0.0325	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,4-Dimethylphenol	ND		U	0.0404	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0363	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,4-Dinitrotoluene	ND		U	0.0353	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2,6-Dinitrotoluene	ND		U	0.0387	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2-Chloronaphthalene	ND		U	0.0309	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2-Chlorophenol	ND		U	0.0277	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2-Methylnaphthalene	**0.0439**	J	J	0.0285	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2-Methylphenol	ND		U	0.0296	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2-Nitroaniline	ND		U	0.0262	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
2-Nitrophenol	ND		U	0.0414	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
* 3- & 4-Methylphenols	ND		U	0.0291	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0285	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
3-Nitroaniline	ND		U	0.0353	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0486	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
4-Bromophenyl phenyl ether	ND		U	0.0384	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0308	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
4-Chloroaniline	ND		U	0.0292	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
4-Chlorophenyl phenyl ether	ND		U	0.0386	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
4-Nitroaniline	ND		U	0.0333	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
4-Nitrophenol	ND		U	0.0549	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Acenaphthene	**0.355**			0.0344	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Acenaphthylene	**0.226**			0.0297	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Acetophenone	ND		U	0.0285	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Aniline	ND		U	0.0404	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Anthracene	**0.721**			0.0310	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Atrazine	ND		U	0.0332	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzaldehyde	ND		U	0.0338	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzidine	ND	CAL-E	U	0.0112	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzo(a)anthracene	**1.93**		D	0.152	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD
Benzo(a)pyrene	**2.14**		D	0.172	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD
Benzo(b)fluoranthene	**1.81**		D	0.175	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD
Benzo(g,h,i)perylene	**1.07**			0.0332	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzo(k)fluoranthene	**1.42**			0.0343	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0391	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzyl alcohol	ND		U	0.0288	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Benzyl butyl phthalate	ND		U	0.0406	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Bis(2-chloroethoxy)methane	ND		U	0.0290	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Bis(2-chloroethyl)ether	ND		U	0.0216	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0412	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Bis(2-ethylhexyl)phthalate	**0.542**			0.0401	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Caprolactam	ND		U	0.0453	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.169**			0.0309	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Chrysene	**1.76**		D	0.149	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD
Dibenzo(a,h)anthracene	**0.118**	CCVE		0.0279	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Dibenzofuran	**0.167**			0.0307	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Diethyl phthalate	ND		U	0.0354	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Dimethyl phthalate	ND		U	0.0318	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Di-n-butyl phthalate	ND		U	0.0391	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Di-n-octyl phthalate	**0.118**	CAL-E, CCVE		0.0297	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Fluoranthene	**4.24**		D	0.149	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD
Fluorene	**0.368**			0.0351	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Hexachlorobenzene	ND		U	0.0377	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Hexachlorobutadiene	ND		U	0.0311	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Hexachlorocyclopentadiene	ND		U	0.0468	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Hexachloroethane	ND		U	0.0360	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Indeno(1,2,3-cd)pyrene	**1.15**			0.0360	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Isophorone	ND		U	0.0311	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Naphthalene	**0.0413**	J	J	0.0324	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Nitrobenzene	ND		U	0.0314	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
N-Nitrosodimethylamine	ND		U	0.0405	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
N-nitroso-di-n-propylamine	ND		U	0.0303	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
N-Nitrosodiphenylamine	ND		U	0.0374	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Pentachlorophenol	ND	CCVE	U	0.0414	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Phenanthrene	**1.75**		D	0.149	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD
Phenol	ND		U	0.0392	0.0929	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/19/26 18:17	sr
Pyrene	**3.67**		D	0.146	0.464	5	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 20:17	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*80.1 %*			*20-108*	*EPA 8270E*	*8/19/26 18:17*
Surrogate: SURR: Phenol-d6	*73.8 %*			*23-114*	*EPA 8270E*	*8/19/26 18:17*
Surrogate: SURR: Nitrobenzene-d5	*76.4 %*			*22-108*	*EPA 8270E*	*8/19/26 18:17*
Surrogate: SURR: 2-Fluorobiphenyl	*78.5 %*			*21-113*	*EPA 8270E*	*8/19/26 18:17*
Surrogate: SURR: 2,4,6-Tribromophenol	*90.4 %*			*19-110*	*EPA 8270E*	*8/19/26 18:17*
Surrogate: SURR: Terphenyl-d14	*76.7 %*			*24-116*	*EPA 8270E*	*8/19/26 18:17*

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0416**		D	0.00352	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
4,4'-DDE	**0.0126**	P	DP	0.00150	0.00186	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
4,4'-DDT	**0.00495**	P	DP	0.00296	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Aldrin	ND		U	0.00118	0.00186	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
alpha-BHC	ND		U	0.00511	0.00558	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
alpha-Chlordane	**0.0263**		D	0.00224	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
beta-BHC	ND		U	0.00586	0.00836	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
delta-BHC	ND		U	0.00518	0.00558	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Dieldrin	ND		U	0.00273	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Endosulfan I	ND		U	0.00139	0.00186	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Endosulfan II	ND		U	0.00226	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Endosulfan sulfate	ND		U	0.00186	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Endrin	ND		U	0.00281	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
gamma-BHC (Lindane)	ND		U	0.00238	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ
Heptachlor	ND		U	0.00189	0.00372	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 15:56	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*62.2 %*			*30-150*	*EPA 8081B*	*8/17/26 15:56*
Surrogate: Tetrachloro-m-xylene	*89.9 %*			*30-150*	*EPA 8081B*	*8/17/26 15:56*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1221	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1232	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1242	**0.0650**			0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1248	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1254	**0.0861**			0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1260	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1262	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
Aroclor 1268	ND		U	0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF
* Total PCBs	**0.151**			0.0186	0.0186	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:27	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*64.5 %*			*30-120*	*EPA 8082A*	*8/17/26 19:27*
Surrogate: Decachlorobiphenyl	*40.0 %*			*30-120*	*EPA 8082A*	*8/17/26 19:27*

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR
Lead	**0.485**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:44	AGNR

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**9140**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Antimony	ND		U	2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Arsenic	**6.63**			1.38	1.38	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Barium	**217**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Beryllium	**0.229**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Cadmium	**0.469**			0.276	0.276	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Calcium	**40000**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Chromium	**19.3**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Cobalt	**5.80**			0.368	0.368	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Copper	**39.6**			1.84	1.84	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Iron	**20000**			23.0	23.0	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Lead	**347**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Magnesium	**4400**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Manganese	**298**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Nickel	**23.2**			0.916	0.916	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Potassium	**1070**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Selenium	ND		U	2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Silver	ND		U	0.464	0.464	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Sodium	**247**			46.0	46.0	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Thallium	ND		U	1.10	1.84	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Vanadium	**24.4**			0.916	0.916	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR
Zinc	**181**			2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:00	AGNR

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-19**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-25	**Collection Date/Time:**	8/12/26 11:05

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.849**			0.0107	0.0337	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 13:09	LCB

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.205	0.561	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.72**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:31	BF
* Temperature	**21.1**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:31	BF
Cyanide, total	ND		U	0.330	0.561	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-20**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-25-G8	**Collection Date/Time:**	8/12/26 11:00

Lab ID:	**26H0685-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
2-Butanone	**0.015**			0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-20**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-25-G8	**Collection Date/Time:**	8/12/26 11:00

Lab ID:	**26H0685-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Acetone	**0.097**	CAL-E, CCVE		0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Acrolein	ND	ICVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Carbon disulfide	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Chloromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0046	0.0092	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* Ethanol	ND		U	0.046	0.092	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-20**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-25-G8	**Collection Date/Time:**	8/12/26 11:00

Lab ID:	**26H0685-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0046	0.0092	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Methyl Methacrylate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Naphthalene	ND		U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.046	0.092	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0046	0.0092	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.029	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Tetrachloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-20**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-25-G8	**Collection Date/Time:**	8/12/26 11:00

Lab ID:	**26H0685-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS
Xylenes, Total	ND		U	0.0087	0.017	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 03:49	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*114 %*			*77-125*	*EPA 8260D*	*8/16/26 03:49*
Surrogate: SURR: Toluene-d8	*103 %*			*85-120*	*EPA 8260D*	*8/16/26 03:49*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/16/26 03:49*

Lab ID:	**26H0685-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.4**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	**0.0418**	J	J	0.0393	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0322	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
1,2,4-Trichlorobenzene	ND		U	0.0349	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
1,2-Dichlorobenzene	ND		U	0.0301	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0303	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
1,3-Dichlorobenzene	ND		U	0.0351	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
1,4-Dichlorobenzene	ND		U	0.0289	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0455	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,4,5-Trichlorophenol	ND		U	0.0451	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,4,6-Trichlorophenol	ND		U	0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,4-Dichlorophenol	ND		U	0.0331	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,4-Dimethylphenol	ND		U	0.0412	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0370	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,4-Dinitrotoluene	ND		U	0.0360	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2,6-Dinitrotoluene	ND		U	0.0395	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2-Chloronaphthalene	ND		U	0.0316	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2-Chlorophenol	ND		U	0.0283	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2-Methylnaphthalene	**0.157**			0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2-Methylphenol	ND		U	0.0302	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2-Nitroaniline	ND		U	0.0268	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
2-Nitrophenol	ND		U	0.0423	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
* 3- & 4-Methylphenols	ND		U	0.0297	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
3-Nitroaniline	ND		U	0.0360	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0496	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
4-Bromophenyl phenyl ether	ND		U	0.0392	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0314	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
4-Chloroaniline	ND		U	0.0298	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
4-Chlorophenyl phenyl ether	ND		U	0.0394	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
4-Nitroaniline	ND		U	0.0340	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
4-Nitrophenol	ND	CCVE	U	0.0560	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Acenaphthene	**0.897**			0.0351	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Acenaphthylene	**0.379**			0.0303	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Acetophenone	ND	CCVE	U	0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Aniline	ND		U	0.0413	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Anthracene	**2.35**		D	0.317	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Atrazine	ND		U	0.0339	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Benzaldehyde	ND	CCVE	U	0.0345	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Benzidine	ND	CAL-E	U	0.0115	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Benzo(a)anthracene	**6.41**		D	0.310	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Benzo(a)pyrene	**6.50**		D	0.350	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Benzo(b)fluoranthene	**5.23**		D	0.357	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Benzo(g,h,i)perylene	**3.00**		D	0.339	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Benzo(k)fluoranthene	**3.61**		D	0.351	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Benzoic acid	ND	CAL-E, ICVE, CCVE	U	0.0399	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Benzyl alcohol	ND		U	0.0294	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Benzyl butyl phthalate	ND		U	0.0414	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Bis(2-chloroethoxy)methane	ND		U	0.0296	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0221	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0421	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0410	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Caprolactam	ND		U	0.0463	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.288**			0.0316	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Chrysene	**5.65**		D	0.305	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Dibenzo(a,h)anthracene	**0.359**			0.0285	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Dibenzofuran	**0.360**			0.0314	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Diethyl phthalate	ND		U	0.0361	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Dimethyl phthalate	ND		U	0.0325	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Di-n-butyl phthalate	ND		U	0.0399	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0304	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Fluoranthene	**13.1**		D	0.305	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Fluorene	**1.03**			0.0359	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Hexachlorobenzene	ND	CCVE	U	0.0385	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Hexachlorobutadiene	ND		U	0.0318	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0477	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Hexachloroethane	ND		U	0.0368	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Indeno(1,2,3-cd)pyrene	**2.96**		D	0.368	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Isophorone	ND		U	0.0318	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Naphthalene	**0.0968**			0.0331	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Nitrobenzene	ND	CCVE	U	0.0321	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
N-Nitrosodimethylamine	ND		U	0.0413	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
N-nitroso-di-n-propylamine	ND		U	0.0310	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
N-Nitrosodiphenylamine	ND		U	0.0382	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Pentachlorophenol	ND	CCVE	U	0.0423	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Phenanthrene	**7.10**		D	0.305	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD
Phenol	ND		U	0.0401	0.0949	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:23	sr
Pyrene	**11.9**		D	0.299	0.949	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 19:13	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*84.2 %*			*20-108*	*EPA 8270E*	*8/20/26 09:23*
Surrogate: SURR: Phenol-d6	*79.5 %*			*23-114*	*EPA 8270E*	*8/20/26 09:23*
Surrogate: SURR: Nitrobenzene-d5	*83.4 %*			*22-108*	*EPA 8270E*	*8/20/26 09:23*
Surrogate: SURR: 2-Fluorobiphenyl	*81.4 %*			*21-113*	*EPA 8270E*	*8/20/26 09:23*
Surrogate: SURR: 2,4,6-Tribromophenol	*92.2 %*			*19-110*	*EPA 8270E*	*8/20/26 09:23*
Surrogate: SURR: Terphenyl-d14	*75.3 %*			*24-116*	*EPA 8270E*	*8/20/26 09:23*

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0214**		D	0.00359	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
4,4'-DDE	**0.00932**		D	0.00153	0.00190	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
4,4'-DDT	**0.00525**	P	DP	0.00302	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Aldrin	ND		U	0.00120	0.00190	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
alpha-BHC	ND		U	0.00522	0.00569	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
alpha-Chlordane [2C]	**0.0118**	P	DP	0.00228	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
beta-BHC	ND		U	0.00598	0.00854	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
delta-BHC	ND		U	0.00529	0.00569	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Dieldrin	ND		U	0.00278	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Endosulfan I	ND		U	0.00142	0.00190	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Endosulfan II	ND		U	0.00230	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Endosulfan sulfate	ND		U	0.00190	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Endrin	ND		U	0.00287	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
gamma-BHC (Lindane)	ND		U	0.00243	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ
Heptachlor	ND		U	0.00193	0.00380	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:13	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*55.2 %*			*30-150*	*EPA 8081B*	*8/17/26 16:13*
Surrogate: Tetrachloro-m-xylene	*63.6 %*			*30-150*	*EPA 8081B*	*8/17/26 16:13*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1221	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1232	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1242	**0.0385**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1248	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1254	**0.0530**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1260	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1262	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
Aroclor 1268	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF
* Total PCBs	**0.0915**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:40	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*54.5 %*			*30-120*	*EPA 8082A*	*8/17/26 19:40*
Surrogate: Decachlorobiphenyl	*35.0 %*			*30-120*	*EPA 8082A*	*8/17/26 19:40*

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR
Lead	**0.532**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:46	AGNR

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**11300**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Antimony	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Arsenic	**10.5**			1.41	1.41	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Barium	**162**			2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Beryllium	**0.200**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Cadmium	**0.348**			0.282	0.282	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Calcium	**10200**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Chromium	**42.6**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Cobalt	**9.38**			0.375	0.375	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Copper	**35.4**			1.88	1.88	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Iron	**20900**			23.5	23.5	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Lead	**235**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Magnesium	**6190**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Manganese	**377**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Nickel	**43.1**			0.936	0.936	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Potassium	**2860**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Selenium	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Silver	ND		U	0.474	0.474	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Sodium	**183**			47.0	47.0	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Thallium	ND		U	1.13	1.88	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Vanadium	**41.6**			0.936	0.936	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR
Zinc	**198**			2.34	2.34	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:17	AGNR

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-21**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-26	**Collection Date/Time:**	8/12/26 11:15

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.826**			0.0109	0.0344	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 13:09	LCB

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.209	0.573	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.84**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:32	BF
* Temperature	**21.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:32	BF
Cyanide, total	ND		U	0.337	0.573	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-22**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-26-G2	**Collection Date/Time:**	8/12/26 11:10

Lab ID:	**26H0685-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1,1-Trichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1,2-Trichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1-Dichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1-Dichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,1-Dichloropropylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2,3-Trichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2,3-Trichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2,4-Trichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2,4-Trimethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2-Dibromoethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2-Dichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2-Dichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,2-Dichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,3,5-Trimethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,3-Dichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,3-Dichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
1,4-Dichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
2,2-Dichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
2-Butanone	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.025	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
2-Chlorotoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-22**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-26-G2	**Collection Date/Time:**	8/12/26 11:10

Lab ID:	**26H0685-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
4-Chlorotoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
4-Methyl-2-pentanone	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Acetone	ND	CAL-E	U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Acrolein	ND	ICVE	U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Acrylonitrile	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Benzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Bromobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Bromochloromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Bromodichloromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Bromoform	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Bromomethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Carbon disulfide	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Carbon tetrachloride	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Chlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Chloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Chloroform	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Chloromethane	ND	CCVE	U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
cis-1,2-Dichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
cis-1,3-Dichloropropylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Cyclohexane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Dibromochloromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Dibromomethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* Ethanol	ND		U	0.051	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-22**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-26-G2	**Collection Date/Time:**	8/12/26 11:10

Lab ID:	**26H0685-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* Iodomethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Isopropylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Methyl acetate	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Methyl Methacrylate	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Methylcyclohexane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Methylene chloride	ND		U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Naphthalene	ND		U	0.0032	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
n-Butylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
n-Propylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
o-Xylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
p- & m- Xylenes	ND		U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* p-Diethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* p-Ethyltoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
p-Isopropyltoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
sec-Butylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Styrene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.051	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
tert-Butyl alcohol (TBA)	ND		U	0.016	0.032	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
tert-Butylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Tetrachloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* Tetrahydrofuran	ND		U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-22**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-26-G2	**Collection Date/Time:**	8/12/26 11:10

Lab ID:	**26H0685-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
trans-1,2-Dichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
trans-1,3-Dichloropropylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Trichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Trichlorofluoromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Vinyl acetate	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Vinyl Chloride	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS
Xylenes, Total	ND		U	0.0095	0.019	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:16	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/16/26 04:16*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 04:16*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/16/26 04:16*

Lab ID:	**26H0685-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0389	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0318	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
1,2,4-Trichlorobenzene	ND		U	0.0345	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
1,2-Dichlorobenzene	ND		U	0.0297	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0300	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
1,3-Dichlorobenzene	ND		U	0.0348	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
1,4-Dichlorobenzene	ND		U	0.0286	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0450	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,4,5-Trichlorophenol	ND		U	0.0446	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,4,6-Trichlorophenol	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,4-Dichlorophenol	ND		U	0.0328	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,4-Dimethylphenol	ND		U	0.0408	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0366	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,4-Dinitrotoluene	ND		U	0.0356	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2,6-Dinitrotoluene	ND		U	0.0391	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2-Chloronaphthalene	ND		U	0.0312	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2-Chlorophenol	ND		U	0.0280	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2-Methylnaphthalene	**0.0943**			0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2-Methylphenol	ND		U	0.0299	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2-Nitroaniline	ND		U	0.0265	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
2-Nitrophenol	ND		U	0.0419	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
* 3- & 4-Methylphenols	ND		U	0.0294	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
3-Nitroaniline	ND		U	0.0356	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0491	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
4-Bromophenyl phenyl ether	ND		U	0.0388	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0311	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
4-Chloroaniline	ND		U	0.0295	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
4-Chlorophenyl phenyl ether	ND		U	0.0390	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
4-Nitroaniline	ND		U	0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
4-Nitrophenol	ND	CCVE	U	0.0555	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Acenaphthene	**0.434**			0.0348	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Acenaphthylene	**0.191**			0.0300	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Acetophenone	ND	CCVE	U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Aniline	ND		U	0.0408	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Anthracene	**1.04**			0.0314	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Atrazine	ND		U	0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Benzaldehyde	ND	CCVE	U	0.0341	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Benzidine	ND	CAL-E	U	0.0113	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Benzo(a)anthracene	**2.81**		D	0.307	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Benzo(a)pyrene	**3.00**		D	0.347	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Benzo(b)fluoranthene	**2.82**		D	0.353	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Benzo(g,h,i)perylene	**1.78**		D	0.336	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Benzo(k)fluoranthene	**2.01**		D	0.347	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0395	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Benzyl alcohol	ND		U	0.0291	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Benzyl butyl phthalate	ND		U	0.0410	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Bis(2-chloroethoxy)methane	ND		U	0.0293	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0218	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0416	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0406	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Caprolactam	ND		U	0.0458	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.381**			0.0313	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Chrysene	**2.58**		D	0.302	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Dibenzo(a,h)anthracene	**0.193**			0.0282	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Dibenzofuran	**0.270**			0.0311	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Diethyl phthalate	ND		U	0.0358	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Dimethyl phthalate	ND		U	0.0321	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Di-n-butyl phthalate	ND		U	0.0395	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0301	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Fluoranthene	**5.96**		D	0.302	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Fluorene	**0.364**			0.0355	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Hexachlorobenzene	ND	CCVE	U	0.0381	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Hexachlorobutadiene	ND		U	0.0314	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0472	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Hexachloroethane	ND		U	0.0364	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Indeno(1,2,3-cd)pyrene	**1.69**		D	0.364	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Isophorone	ND		U	0.0315	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Naphthalene	**0.121**			0.0328	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Nitrobenzene	ND	CCVE	U	0.0317	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
N-Nitrosodimethylamine	ND		U	0.0409	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
N-nitroso-di-n-propylamine	ND		U	0.0306	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
N-Nitrosodiphenylamine	ND		U	0.0378	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Pentachlorophenol	ND	CCVE	U	0.0418	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Phenanthrene	**3.13**		D	0.302	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD
Phenol	ND		U	0.0396	0.0939	1	mg/kg dry	EPA 8270E	8/17/26 11:06	8/20/26 09:55	sr
Pyrene	**4.81**		D	0.296	0.939	10	mg/kg dry	EPA 8270E	8/17/26 11:06	8/22/26 18:09	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*88.1 %*			*20-108*	*EPA 8270E*	*8/20/26 09:55*
Surrogate: SURR: Phenol-d6	*84.2 %*			*23-114*	*EPA 8270E*	*8/20/26 09:55*
Surrogate: SURR: Nitrobenzene-d5	*89.8 %*			*22-108*	*EPA 8270E*	*8/20/26 09:55*
Surrogate: SURR: 2-Fluorobiphenyl	*84.1 %*			*21-113*	*EPA 8270E*	*8/20/26 09:55*
Surrogate: SURR: 2,4,6-Tribromophenol	*96.7 %*			*19-110*	*EPA 8270E*	*8/20/26 09:55*
Surrogate: SURR: Terphenyl-d14	*83.2 %*			*24-116*	*EPA 8270E*	*8/20/26 09:55*

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0351**		D	0.00356	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
4,4'-DDE	**0.0111**	P	DP	0.00151	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
4,4'-DDT	**0.00467**	P	DP	0.00299	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Aldrin	ND		U	0.00119	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
alpha-BHC	ND		U	0.00516	0.00563	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
alpha-Chlordane	**0.0210**		D	0.00226	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
beta-BHC	ND		U	0.00592	0.00845	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
delta-BHC	ND		U	0.00524	0.00563	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Dieldrin	ND		U	0.00276	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Endosulfan I	ND		U	0.00141	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Endosulfan II	ND		U	0.00228	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Endosulfan sulfate	ND		U	0.00188	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Endrin	ND		U	0.00284	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
gamma-BHC (Lindane)	ND		U	0.00241	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ
Heptachlor	ND		U	0.00191	0.00376	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:30	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*60.4 %*			*30-150*	*EPA 8081B*	*8/17/26 16:30*
Surrogate: Tetrachloro-m-xylene	*82.4 %*			*30-150*	*EPA 8081B*	*8/17/26 16:30*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1221	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1232	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1242	**0.0575**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1248	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1254	**0.0551**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1260	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1262	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
Aroclor 1268	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF
* Total PCBs	**0.113**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 19:54	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*53.5 %*			*30-120*	*EPA 8082A*	*8/17/26 19:54*
Surrogate: Decachlorobiphenyl	*36.5 %*			*30-120*	*EPA 8082A*	*8/17/26 19:54*

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR
Barium	**0.692**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR
Lead	**0.552**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/17/26 9:51	8/17/26 16:47	AGNR

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7920**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Antimony	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Arsenic	**5.45**			1.42	1.42	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Barium	**149**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Beryllium	**0.228**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Cadmium	**0.388**			0.284	0.284	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Calcium	**11100**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Chromium	**15.9**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Cobalt	**5.91**			0.378	0.378	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Copper	**35.4**			1.89	1.89	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Iron	**14300**			23.6	23.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Lead	**284**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Magnesium	**3280**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Manganese	**205**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Nickel	**26.3**			0.942	0.942	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Potassium	**1090**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Selenium	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Silver	ND		U	0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Sodium	**156**			47.3	47.3	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Thallium	ND		U	1.13	1.89	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Vanadium	**25.0**			0.942	0.942	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR
Zinc	**156**			2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:19	AGNR

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-23**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17-CS-27	**Collection Date/Time:**	8/12/26 11:25

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.09**			0.0108	0.0340	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 13:09	LCB

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.207	0.567	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.82**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:33	BF
* Temperature	**21.6**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:33	BF
Cyanide, total	ND		U	0.334	0.567	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-24**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-27-G2	**Collection Date/Time:**	8/12/26 11:20

Lab ID:	**26H0685-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1,1-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1,2-Trichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,1-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2,3-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2,3-Trichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2,4-Trichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2,4-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2-Dibromoethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2-Dichloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,2-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,3,5-Trimethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,3-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,3-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
1,4-Dichlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
2,2-Dichloropropane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
2-Butanone	**0.0080**			0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.027	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
2-Chlorotoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-24**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-27-G2	**Collection Date/Time:**	8/12/26 11:20

Lab ID:	**26H0685-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
4-Chlorotoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
4-Methyl-2-pentanone	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Acetone	**0.054**	CAL-E, CCVE		0.0067	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Acrolein	ND	ICVE	U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Acrylonitrile	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Bromobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Bromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Bromodichloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Bromoform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Bromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Carbon disulfide	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Carbon tetrachloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Chlorobenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Chloroethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Chloroform	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Chloromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
cis-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
cis-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Cyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Dibromochloromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Dibromomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* Ethanol	ND		U	0.053	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-24**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-27-G2	**Collection Date/Time:**	8/12/26 11:20

Lab ID:	**26H0685-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* Iodomethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Isopropylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Methyl acetate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Methyl Methacrylate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Methylcyclohexane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Methylene chloride	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Naphthalene	ND		U	0.0033	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
n-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
n-Propylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
o-Xylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
p- & m- Xylenes	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* p-Diethylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* p-Ethyltoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
p-Isopropyltoluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
sec-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Styrene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.053	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.033	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
tert-Butylbenzene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Tetrachloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* Tetrahydrofuran	ND		U	0.0067	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-24**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-17- CS-27-G2	**Collection Date/Time:**	8/12/26 11:20

Lab ID:	**26H0685-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
trans-1,2-Dichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
trans-1,3-Dichloropropylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Trichloroethylene	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Trichlorofluoromethane	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Vinyl acetate	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Vinyl Chloride	ND		U	0.0033	0.0067	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS
Xylenes, Total	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 04:43	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/16/26 04:43*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 04:43*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/16/26 04:43*

Lab ID:	**26H0685-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0389	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0318	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
1,2,4-Trichlorobenzene	ND		U	0.0345	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
1,2-Dichlorobenzene	ND		U	0.0297	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0299	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
1,3-Dichlorobenzene	ND		U	0.0347	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
1,4-Dichlorobenzene	ND		U	0.0286	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0449	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,4,5-Trichlorophenol	ND		U	0.0446	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,4,6-Trichlorophenol	ND		U	0.0288	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,4-Dichlorophenol	ND		U	0.0328	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,4-Dimethylphenol	ND		U	0.0407	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0366	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,4-Dinitrotoluene	ND		U	0.0356	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2,6-Dinitrotoluene	ND		U	0.0390	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2-Chloronaphthalene	ND		U	0.0312	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2-Chlorophenol	ND		U	0.0280	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2-Methylnaphthalene	**0.0293**	J	J	0.0287	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2-Methylphenol	ND		U	0.0299	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2-Nitroaniline	ND		U	0.0265	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
2-Nitrophenol	ND		U	0.0418	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
* 3- & 4-Methylphenols	ND		U	0.0293	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0288	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
3-Nitroaniline	ND		U	0.0356	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0490	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
4-Bromophenyl phenyl ether	ND		U	0.0387	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0311	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
4-Chloroaniline	ND		U	0.0295	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
4-Chlorophenyl phenyl ether	ND		U	0.0390	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
4-Nitroaniline	ND		U	0.0336	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
4-Nitrophenol	ND	CCVE	U	0.0554	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Acenaphthene	**0.233**			0.0347	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Acenaphthylene	**0.0683**	J	J	0.0300	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Acetophenone	ND	CCVE	U	0.0287	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Aniline	ND		U	0.0408	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Anthracene	**0.468**			0.0313	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Atrazine	ND		U	0.0335	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzaldehyde	ND	CCVE	U	0.0341	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzidine	ND	CAL-E	U	0.0113	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzo(a)anthracene	**1.59**		E	0.0306	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzo(a)pyrene	**1.85**		E	0.0346	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzo(b)fluoranthene	**1.67**		E	0.0353	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzo(g,h,i)perylene	**0.979**			0.0336	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzo(k)fluoranthene	**1.16**			0.0347	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0394	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzyl alcohol	ND		U	0.0291	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Benzyl butyl phthalate	ND		U	0.0409	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Bis(2-chloroethoxy)methane	ND		U	0.0292	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0218	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0416	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0405	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Caprolactam	ND		U	0.0457	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.195**			0.0312	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Chrysene	**1.48**			0.0301	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Dibenzo(a,h)anthracene	**0.0975**			0.0281	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Dibenzofuran	**0.0844**	J	J	0.0310	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Diethyl phthalate	ND		U	0.0357	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Dimethyl phthalate	ND		U	0.0321	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Di-n-butyl phthalate	ND		U	0.0395	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0300	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Fluoranthene	**3.30**		D	0.151	0.469	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 19:45	DD
Fluorene	**0.152**			0.0355	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Hexachlorobenzene	ND	CCVE	U	0.0380	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Hexachlorobutadiene	ND		U	0.0314	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0472	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Hexachloroethane	ND		U	0.0364	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Indeno(1,2,3-cd)pyrene	**0.978**			0.0364	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Isophorone	ND		U	0.0314	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Naphthalene	**0.0405**	J	J	0.0328	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Nitrobenzene	ND	CCVE	U	0.0317	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
N-Nitrosodimethylamine	ND		U	0.0409	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
N-nitroso-di-n-propylamine	ND		U	0.0306	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
N-Nitrosodiphenylamine	ND		U	0.0378	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Pentachlorophenol	ND	CCVE	U	0.0418	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Phenanthrene	**1.72**		E	0.0301	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Phenol	ND		U	0.0396	0.0938	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:26	sr
Pyrene	**2.57**		D	0.148	0.469	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 19:45	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*67.8 %*			*20-108*	*EPA 8270E*	*8/20/26 10:26*
Surrogate: SURR: Phenol-d6	*62.9 %*			*23-114*	*EPA 8270E*	*8/20/26 10:26*
Surrogate: SURR: Nitrobenzene-d5	*65.8 %*			*22-108*	*EPA 8270E*	*8/20/26 10:26*
Surrogate: SURR: 2-Fluorobiphenyl	*60.9 %*			*21-113*	*EPA 8270E*	*8/20/26 10:26*
Surrogate: SURR: 2,4,6-Tribromophenol	*65.6 %*			*19-110*	*EPA 8270E*	*8/20/26 10:26*
Surrogate: SURR: Terphenyl-d14	*56.8 %*			*24-116*	*EPA 8270E*	*8/20/26 10:26*

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0197**		D	0.00355	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
4,4'-DDE	**0.00841**		D	0.00151	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
4,4'-DDT	**0.00489**	P	DP	0.00299	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Aldrin	ND		U	0.00119	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
alpha-BHC	ND		U	0.00516	0.00563	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
alpha-Chlordane	**0.0158**		D	0.00226	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
beta-BHC	ND		U	0.00591	0.00844	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
delta-BHC	ND		U	0.00523	0.00563	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Dieldrin	ND		U	0.00275	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Endosulfan I	ND		U	0.00141	0.00188	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Endosulfan II	ND		U	0.00228	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Endosulfan sulfate	ND		U	0.00188	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Endrin	ND		U	0.00283	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
gamma-BHC (Lindane)	ND		U	0.00241	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ
Heptachlor	ND		U	0.00191	0.00375	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 16:47	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*61.7 %*			*30-150*	*EPA 8081B*	*8/17/26 16:47*
Surrogate: Tetrachloro-m-xylene	*75.3 %*			*30-150*	*EPA 8081B*	*8/17/26 16:47*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1221	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1232	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1242	**0.0382**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1248	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1254	**0.0672**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1260	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1262	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
Aroclor 1268	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF
* Total PCBs	**0.105**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/19/26 04:26	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*63.0 %*			*30-120*	*EPA 8082A*	*8/19/26 04:26*
Surrogate: Decachlorobiphenyl	*51.0 %*			*30-120*	*EPA 8082A*	*8/19/26 04:26*

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND			0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR
Barium	**0.715**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR
Lead	**0.348**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR
Selenium	ND			0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:20	AGNR

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**8370**			4.72	4.72	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Antimony	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Arsenic	**7.14**			1.42	1.42	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Barium	**167**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Beryllium	**0.293**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Cadmium	**0.557**			0.283	0.283	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Calcium	**13600**			4.72	4.72	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Chromium	**19.6**			0.472	0.472	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Cobalt	**20.5**			0.377	0.377	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Copper	**66.7**			1.89	1.89	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Iron	**18800**			23.6	23.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Lead	**308**			0.472	0.472	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Magnesium	**4750**			4.72	4.72	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Manganese	**259**			0.472	0.472	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Nickel	**29.9**			0.940	0.940	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Potassium	**1040**			4.72	4.72	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Selenium	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Silver	ND		U	0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Sodium	**215**			47.2	47.2	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Thallium	ND		U	1.13	1.89	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Vanadium	**29.4**			0.940	0.940	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR
Zinc	**285**			2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:20	AGNR

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-25**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-28	**Collection Date/Time:**	8/12/26 11:35

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.563**			0.0108	0.0340	1	mg/kg dry	EPA 7473	8/14/26 15:26	8/17/26 13:09	LCB

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.207	0.567	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**7.87**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:35	BF
* Temperature	**21.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:35	BF
Cyanide, total	ND		U	0.333	0.567	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.3**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-26**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-28-G6	**Collection Date/Time:**	8/12/26 11:30

Lab ID:	**26H0685-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1,1-Trichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1,2-Trichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1-Dichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1-Dichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,1-Dichloropropylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2,3-Trichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2,3-Trichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2,4-Trichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2,4-Trimethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2-Dibromoethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2-Dichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2-Dichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,2-Dichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,3,5-Trimethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,3-Dichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,3-Dichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
1,4-Dichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
2,2-Dichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
2-Butanone	**0.013**			0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
2-Chloroethylvinyl ether	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
2-Chlorotoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-26**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-28-G6	**Collection Date/Time:**	8/12/26 11:30

Lab ID:	**26H0685-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
4-Chlorotoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
4-Methyl-2-pentanone	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Acetone	**0.090**	CAL-E, CCVE		0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Acrolein	ND	ICVE	U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Acrylonitrile	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Benzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Bromobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Bromochloromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Bromodichloromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Bromoform	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Bromomethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Carbon disulfide	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Carbon tetrachloride	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Chlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Chloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Chloroform	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Chloromethane	ND	CCVE	U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
cis-1,2-Dichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
cis-1,3-Dichloropropylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Cyclohexane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Dibromochloromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Dibromomethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* Ethanol	ND		U	0.057	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-26**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-28-G6	**Collection Date/Time:**	8/12/26 11:30

Lab ID:	**26H0685-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* Iodomethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Isopropylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Methyl acetate	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Methyl Methacrylate	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Methylcyclohexane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Methylene chloride	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Naphthalene	ND		U	0.0035	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
n-Butylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
n-Propylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
o-Xylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
p- & m- Xylenes	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* p-Diethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* p-Ethyltoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
p-Isopropyltoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
sec-Butylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Styrene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.057	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
tert-Butyl alcohol (TBA)	ND		U	0.018	0.035	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
tert-Butylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Tetrachloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* Tetrahydrofuran	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-26**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-28-G6	**Collection Date/Time:**	8/12/26 11:30

Lab ID:	**26H0685-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
trans-1,2-Dichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
trans-1,3-Dichloropropylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Trichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Trichlorofluoromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Vinyl acetate	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Vinyl Chloride	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS
Xylenes, Total	ND		U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:10	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/16/26 05:10*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 05:10*
Surrogate: SURR: p-Bromofluorobenzene	*117 %*			*76-130*	*EPA 8260D*	*8/16/26 05:10*

Lab ID:	**26H0685-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.6**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0420	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0343	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
1,2,4-Trichlorobenzene	ND		U	0.0373	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
1,2-Dichlorobenzene	ND		U	0.0321	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0323	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
1,3-Dichlorobenzene	ND		U	0.0375	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
1,4-Dichlorobenzene	ND		U	0.0309	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0485	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,4,5-Trichlorophenol	ND		U	0.0481	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,4,6-Trichlorophenol	ND		U	0.0311	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,4-Dichlorophenol	ND		U	0.0354	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,4-Dimethylphenol	ND		U	0.0440	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0395	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,4-Dinitrotoluene	ND		U	0.0385	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2,6-Dinitrotoluene	ND		U	0.0422	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2-Chloronaphthalene	ND		U	0.0337	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2-Chlorophenol	ND		U	0.0302	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2-Methylnaphthalene	ND		U	0.0311	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2-Methylphenol	ND		U	0.0323	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2-Nitroaniline	ND		U	0.0286	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
2-Nitrophenol	ND		U	0.0452	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
* 3- & 4-Methylphenols	ND		U	0.0317	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0311	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
3-Nitroaniline	ND		U	0.0385	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0529	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
4-Bromophenyl phenyl ether	ND		U	0.0418	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0336	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
4-Chloroaniline	ND		U	0.0318	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
4-Chlorophenyl phenyl ether	ND		U	0.0421	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
4-Nitroaniline	ND		U	0.0363	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
4-Nitrophenol	ND	CCVE	U	0.0598	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Acenaphthene	**0.0523**	J	J	0.0375	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Acenaphthylene	ND		U	0.0324	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Acetophenone	ND	CCVE	U	0.0310	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Aniline	ND		U	0.0441	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Anthracene	**0.103**			0.0338	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Atrazine	ND		U	0.0362	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzaldehyde	ND	CCVE	U	0.0368	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzidine	ND	CAL-E	U	0.0122	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzo(a)anthracene	**0.360**			0.0331	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzo(a)pyrene	**0.388**			0.0374	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzo(b)fluoranthene	**0.329**			0.0381	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzo(g,h,i)perylene	**0.229**			0.0362	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzo(k)fluoranthene	**0.269**			0.0374	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0426	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzyl alcohol	ND		U	0.0314	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Benzyl butyl phthalate	ND		U	0.0442	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Bis(2-chloroethoxy)methane	ND		U	0.0316	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0235	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0449	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0438	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Caprolactam	ND		U	0.0494	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0417**	J	J	0.0337	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Chrysene	**0.325**			0.0325	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Dibenzo(a,h)anthracene	ND		U	0.0304	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Dibenzofuran	ND		U	0.0335	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Diethyl phthalate	ND		U	0.0386	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Dimethyl phthalate	ND		U	0.0347	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Di-n-butyl phthalate	**0.143**			0.0426	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0324	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Fluoranthene	**0.749**			0.0326	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Fluorene	**0.0385**	J	J	0.0383	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Hexachlorobenzene	ND	CCVE	U	0.0411	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Hexachlorobutadiene	ND		U	0.0339	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0510	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Hexachloroethane	ND		U	0.0393	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Indeno(1,2,3-cd)pyrene	**0.222**			0.0393	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Isophorone	ND		U	0.0340	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Naphthalene	ND		U	0.0354	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Nitrobenzene	ND	CCVE	U	0.0342	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
N-Nitrosodimethylamine	ND		U	0.0441	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
N-nitroso-di-n-propylamine	ND		U	0.0331	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
N-Nitrosodiphenylamine	ND		U	0.0408	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Pentachlorophenol	ND	CCVE	U	0.0451	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Phenanthrene	**0.366**			0.0326	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Phenol	ND		U	0.0428	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr
Pyrene	**0.670**			0.0319	0.101	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 10:57	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*72.1 %*			*20-108*	*EPA 8270E*	*8/20/26 10:57*
Surrogate: SURR: Phenol-d6	*64.9 %*			*23-114*	*EPA 8270E*	*8/20/26 10:57*
Surrogate: SURR: Nitrobenzene-d5	*71.9 %*			*22-108*	*EPA 8270E*	*8/20/26 10:57*
Surrogate: SURR: 2-Fluorobiphenyl	*67.1 %*			*21-113*	*EPA 8270E*	*8/20/26 10:57*
Surrogate: SURR: 2,4,6-Tribromophenol	*73.6 %*			*19-110*	*EPA 8270E*	*8/20/26 10:57*
Surrogate: SURR: Terphenyl-d14	*65.0 %*			*24-116*	*EPA 8270E*	*8/20/26 10:57*

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0216**		D	0.00384	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
4,4'-DDE	**0.00621**		D	0.00163	0.00203	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
4,4'-DDT	ND		U	0.00323	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Aldrin	ND		U	0.00128	0.00203	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
alpha-BHC	ND		U	0.00557	0.00608	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
alpha-Chlordane	**0.00759**		D	0.00244	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
beta-BHC	ND		U	0.00639	0.00912	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
delta-BHC	ND		U	0.00565	0.00608	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Dieldrin	ND		U	0.00297	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Endosulfan I	ND		U	0.00152	0.00203	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Endosulfan II	ND		U	0.00246	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Endosulfan sulfate	ND		U	0.00203	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Endrin	ND		U	0.00306	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
gamma-BHC (Lindane)	ND		U	0.00260	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ
Heptachlor	ND		U	0.00207	0.00405	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:04	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*78.3 %*			*30-150*	*EPA 8081B*	*8/17/26 17:04*
Surrogate: Tetrachloro-m-xylene	*85.1 %*			*30-150*	*EPA 8081B*	*8/17/26 17:04*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1221	ND		U	0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1232	ND		U	0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1242	**0.0431**			0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1248	ND		U	0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1254	**0.0445**			0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1260	ND		U	0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1262	ND		U	0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
Aroclor 1268	**0.0272**			0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF
* Total PCBs	**0.115**			0.0203	0.0203	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:21	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*65.0 %*			*30-120*	*EPA 8082A*	*8/17/26 20:21*
Surrogate: Decachlorobiphenyl	*66.0 %*			*30-120*	*EPA 8082A*	*8/17/26 20:21*

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR
Barium	**0.885**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR
Lead	**1.09**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:22	AGNR

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6560**			5.10	5.10	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Antimony	ND		U	2.55	2.55	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Arsenic	**6.44**			1.53	1.53	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Barium	**233**			2.55	2.55	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Beryllium	**0.270**			0.051	0.051	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Cadmium	**0.806**			0.306	0.306	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Calcium	**7240**			5.10	5.10	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Chromium	**18.0**			0.510	0.510	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Cobalt	**5.41**			0.408	0.408	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Copper	**82.7**			2.04	2.04	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Iron	**15800**			25.5	25.5	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Lead	**410**			0.510	0.510	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Magnesium	**2150**			5.10	5.10	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Manganese	**190**			0.510	0.510	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Nickel	**24.1**			1.02	1.02	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Potassium	**883**			5.10	5.10	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Selenium	ND		U	2.55	2.55	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Silver	**0.694**			0.514	0.514	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Sodium	**226**			51.0	51.0	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Thallium	ND		U	1.22	2.04	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Vanadium	**33.0**			1.02	1.02	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR
Zinc	**267**			2.54	2.54	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:22	AGNR

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-27**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18-CS-29	**Collection Date/Time:**	8/12/26 11:45

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.08**			0.0116	0.0367	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 12:07	LCB

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.223	0.612	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**8.04**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:36	BF
* Temperature	**21.7**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:36	BF
Cyanide, total	ND		U	0.360	0.612	1	mg/kg dry	EPA 9014/9010C	8/17/26 14:42	8/17/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**81.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/14/26 10:59	8/14/26 18:11	JMT

Lab ID:	**26H0685-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-28**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-29-G7	**Collection Date/Time:**	8/12/26 11:40

Lab ID:	**26H0685-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2-Dibromoethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,2-Dichloropropane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,3-Dichloropropane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
2-Butanone	**0.0060**			0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
2-Chlorotoluene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-28**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-29-G7	**Collection Date/Time:**	8/12/26 11:40

Lab ID:	**26H0685-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
4-Chlorotoluene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Acetone	**0.039**	CCVE, CAL-E		0.0055	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Acrolein	ND	ICVE	U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Acrylonitrile	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Benzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Bromobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Bromochloromethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Bromodichloromethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Bromoform	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Bromomethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Carbon disulfide	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Carbon tetrachloride	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Chlorobenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Chloroethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Chloroform	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Chloromethane	ND	CCVE	U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
cis-1,3-Dichloropropylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Cyclohexane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Dibromochloromethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Dibromomethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* Ethanol	ND		U	0.044	0.087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-28**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-29-G7	**Collection Date/Time:**	8/12/26 11:40

Lab ID:	**26H0685-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* Iodomethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Isopropylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Methyl acetate	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Methyl Methacrylate	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Methylcyclohexane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Methylene chloride	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Naphthalene	ND		U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
n-Butylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
n-Propylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
o-Xylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
p- & m- Xylenes	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
sec-Butylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Styrene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.044	0.087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.027	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
tert-Butylbenzene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Tetrachloroethylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* Tetrahydrofuran	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-28**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-18- CS-29-G7	**Collection Date/Time:**	8/12/26 11:40

Lab ID:	**26H0685-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Trichloroethylene	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Vinyl acetate	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Vinyl Chloride	ND		U	0.0027	0.0055	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS
Xylenes, Total	ND		U	0.0082	0.016	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 05:37	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/16/26 05:37*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 05:37*
Surrogate: SURR: p-Bromofluorobenzene	*114 %*			*76-130*	*EPA 8260D*	*8/16/26 05:37*

Lab ID:	**26H0685-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.9**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:50	8/14/26 12:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0380	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0311	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
1,2,4-Trichlorobenzene	ND		U	0.0338	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
1,2-Dichlorobenzene	ND		U	0.0291	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0293	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
1,3-Dichlorobenzene	ND		U	0.0340	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
1,4-Dichlorobenzene	ND		U	0.0280	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0440	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,4,5-Trichlorophenol	ND		U	0.0436	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,4,6-Trichlorophenol	ND		U	0.0282	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,4-Dichlorophenol	ND		U	0.0321	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,4-Dimethylphenol	ND		U	0.0399	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0358	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,4-Dinitrotoluene	ND		U	0.0349	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2,6-Dinitrotoluene	ND		U	0.0382	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2-Chloronaphthalene	ND		U	0.0305	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2-Chlorophenol	ND		U	0.0274	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2-Methylnaphthalene	ND		U	0.0281	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2-Methylphenol	ND		U	0.0292	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2-Nitroaniline	ND		U	0.0259	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
2-Nitrophenol	ND		U	0.0409	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
* 3- & 4-Methylphenols	ND		U	0.0287	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0282	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
3-Nitroaniline	ND		U	0.0349	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0480	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
4-Bromophenyl phenyl ether	ND		U	0.0379	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0304	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
4-Chloroaniline	ND		U	0.0289	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
4-Chlorophenyl phenyl ether	ND		U	0.0382	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
4-Nitroaniline	ND		U	0.0329	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
4-Nitrophenol	ND	CCVE	U	0.0542	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Acenaphthene	ND		U	0.0340	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Acenaphthylene	ND		U	0.0294	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Acetophenone	ND	CCVE	U	0.0281	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Aniline	ND		U	0.0399	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Anthracene	**0.0459**	J	J	0.0307	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Atrazine	ND		U	0.0328	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzaldehyde	ND	CCVE	U	0.0334	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzidine	ND	CAL-E	U	0.0111	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzo(a)anthracene	**0.240**			0.0300	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzo(a)pyrene	**0.292**			0.0339	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzo(b)fluoranthene	**0.264**			0.0345	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzo(g,h,i)perylene	**0.169**			0.0328	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzo(k)fluoranthene	**0.184**			0.0339	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0386	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzyl alcohol	ND		U	0.0285	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Benzyl butyl phthalate	ND		U	0.0401	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Bis(2-chloroethoxy)methane	ND		U	0.0286	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0213	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0407	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0397	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Caprolactam	ND		U	0.0448	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	ND		U	0.0306	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Chrysene	**0.224**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Dibenzo(a,h)anthracene	ND		U	0.0275	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Dibenzofuran	ND		U	0.0304	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Diethyl phthalate	ND		U	0.0350	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Dimethyl phthalate	ND		U	0.0314	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Di-n-butyl phthalate	ND		U	0.0386	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0294	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Fluoranthene	**0.391**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Fluorene	ND		U	0.0347	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Hexachlorobenzene	ND	CCVE	U	0.0372	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Hexachlorobutadiene	ND		U	0.0307	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0462	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Hexachloroethane	ND		U	0.0356	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Indeno(1,2,3-cd)pyrene	**0.168**			0.0356	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Isophorone	ND		U	0.0308	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Naphthalene	ND		U	0.0321	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Nitrobenzene	ND	CCVE	U	0.0310	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
N-Nitrosodimethylamine	ND		U	0.0400	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
N-nitroso-di-n-propylamine	ND		U	0.0300	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
N-Nitrosodiphenylamine	ND		U	0.0370	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Pentachlorophenol	ND	CCVE	U	0.0409	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Phenanthrene	**0.165**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Phenol	ND		U	0.0388	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr
Pyrene	**0.350**			0.0289	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 11:29	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*63.7 %*			*20-108*	*EPA 8270E*	*8/20/26 11:29*
Surrogate: SURR: Phenol-d6	*59.1 %*			*23-114*	*EPA 8270E*	*8/20/26 11:29*
Surrogate: SURR: Nitrobenzene-d5	*64.0 %*			*22-108*	*EPA 8270E*	*8/20/26 11:29*
Surrogate: SURR: 2-Fluorobiphenyl	*61.4 %*			*21-113*	*EPA 8270E*	*8/20/26 11:29*
Surrogate: SURR: 2,4,6-Tribromophenol	*69.1 %*			*19-110*	*EPA 8270E*	*8/20/26 11:29*
Surrogate: SURR: Terphenyl-d14	*61.0 %*			*24-116*	*EPA 8270E*	*8/20/26 11:29*

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00552**		D	0.00348	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
4,4'-DDE [2C]	ND		U	0.00148	0.00184	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
4,4'-DDT	ND		U	0.00292	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Aldrin	ND		U	0.00116	0.00184	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
alpha-BHC	ND		U	0.00505	0.00551	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
alpha-Chlordane [2C]	**0.00444**	P	DP	0.00221	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
beta-BHC	ND		U	0.00579	0.00826	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
delta-BHC	ND		U	0.00512	0.00551	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Dieldrin	ND		U	0.00269	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Endosulfan I	ND		U	0.00138	0.00184	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Endosulfan II	ND		U	0.00223	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Endosulfan sulfate	ND		U	0.00184	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Endrin	ND		U	0.00277	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
gamma-BHC (Lindane)	ND		U	0.00236	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ
Heptachlor	ND		U	0.00187	0.00367	5	mg/kg dry	EPA 8081B	8/15/26 7:02	8/17/26 17:21	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*53.4 %*			*30-150*	*EPA 8081B*	*8/17/26 17:21*
Surrogate: Tetrachloro-m-xylene	*82.7 %*			*30-150*	*EPA 8081B*	*8/17/26 17:21*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1242	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1254	**0.0254**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF
* Total PCBs	**0.0254**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/15/26 7:00	8/17/26 20:35	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*81.5 %*			*30-120*	*EPA 8082A*	*8/17/26 20:35*
Surrogate: Decachlorobiphenyl	*44.5 %*			*30-120*	*EPA 8082A*	*8/17/26 20:35*

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR
Barium	**0.740**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR
Lead	**0.170**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:23	AGNR

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7100**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Arsenic	**3.80**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Barium	**71.7**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Beryllium	**0.220**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Cadmium	ND		U	0.277	0.277	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Calcium	**3300**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Chromium	**16.0**			0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Cobalt	**7.06**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Copper	**24.8**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Iron	**13000**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Lead	**93.7**			0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Magnesium	**3180**			4.63	4.63	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Manganese	**266**			0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Nickel	**44.2**			0.921	0.921	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Potassium	**1090**			4.63	4.63	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Silver	ND		U	0.466	0.466	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Sodium	**125**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Vanadium	**22.5**			0.921	0.921	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR
Zinc	**73.3**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:23	AGNR

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-29**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-30	**Collection Date/Time:**	8/12/26 11:55

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.585**			0.0105	0.0333	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:16	LCB

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.202	0.555	1	mg/kg dry	EPA 7196A	8/18/26 10:46	8/18/26 18:12	JMT
pH	**8.20**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:37	BF
* Temperature	**21.8**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:37	BF
Cyanide, total	ND		U	0.326	0.555	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-30**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-30-G4	**Collection Date/Time:**	8/12/26 11:50

Lab ID:	**26H0685-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1,1-Trichloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1,2-Trichloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1-Dichloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1-Dichloroethylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,1-Dichloropropylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2,3-Trichlorobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2,3-Trichloropropane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2,4-Trichlorobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2,4-Trimethylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2-Dibromoethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2-Dichlorobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2-Dichloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,2-Dichloropropane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,3,5-Trimethylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,3-Dichlorobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,3-Dichloropropane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
1,4-Dichlorobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
2,2-Dichloropropane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
2-Butanone	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
2-Chloroethylvinyl ether	ND		U	0.0086	0.017	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
2-Chlorotoluene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-30**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-30-G4	**Collection Date/Time:**	8/12/26 11:50

Lab ID:	**26H0685-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
4-Chlorotoluene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
4-Methyl-2-pentanone	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Acetone	ND	CAL-E	U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Acrolein	ND	ICVE	U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Acrylonitrile	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Benzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Bromobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Bromochloromethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Bromodichloromethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Bromoform	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Bromomethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Carbon disulfide	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Carbon tetrachloride	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Chlorobenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Chloroethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Chloroform	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Chloromethane	ND	CCVE	U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
cis-1,2-Dichloroethylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
cis-1,3-Dichloropropylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Cyclohexane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Dibromochloromethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Dibromomethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* Ethanol	ND		U	0.034	0.069	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-30**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-30-G4	**Collection Date/Time:**	8/12/26 11:50

Lab ID:	**26H0685-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* Iodomethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Isopropylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Methyl acetate	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Methyl Methacrylate	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Methylcyclohexane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Methylene chloride	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Naphthalene	ND		U	0.0022	0.0086	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
n-Butylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
n-Propylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
o-Xylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
p- & m- Xylenes	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* p-Diethylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* p-Ethyltoluene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
p-Isopropyltoluene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
sec-Butylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Styrene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.034	0.069	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
tert-Butyl alcohol (TBA)	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
tert-Butylbenzene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Tetrachloroethylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* Tetrahydrofuran	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-30**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-30-G4	**Collection Date/Time:**	8/12/26 11:50

Lab ID:	**26H0685-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
trans-1,2-Dichloroethylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
trans-1,3-Dichloropropylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Trichloroethylene	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Trichlorofluoromethane	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Vinyl acetate	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Vinyl Chloride	ND		U	0.0022	0.0043	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS
Xylenes, Total	ND		U	0.0065	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:04	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*77-125*	*EPA 8260D*	*8/16/26 06:04*
Surrogate: SURR: Toluene-d8	*104 %*			*85-120*	*EPA 8260D*	*8/16/26 06:04*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/16/26 06:04*

Lab ID:	**26H0685-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.4**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0389	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0318	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
1,2,4-Trichlorobenzene	ND		U	0.0345	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
1,2-Dichlorobenzene	ND		U	0.0297	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0299	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
1,3-Dichlorobenzene	ND		U	0.0347	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
1,4-Dichlorobenzene	ND		U	0.0286	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0450	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,4,5-Trichlorophenol	ND		U	0.0446	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,4,6-Trichlorophenol	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,4-Dichlorophenol	ND		U	0.0328	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,4-Dimethylphenol	ND		U	0.0408	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0366	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,4-Dinitrotoluene	ND		U	0.0356	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2,6-Dinitrotoluene	ND		U	0.0391	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2-Chloronaphthalene	ND		U	0.0312	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2-Chlorophenol	ND		U	0.0280	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2-Methylnaphthalene	ND		U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2-Methylphenol	ND		U	0.0299	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2-Nitroaniline	ND		U	0.0265	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
2-Nitrophenol	ND		U	0.0419	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
* 3- & 4-Methylphenols	ND		U	0.0294	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
3-Nitroaniline	ND		U	0.0356	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0491	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
4-Bromophenyl phenyl ether	ND		U	0.0388	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0311	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
4-Chloroaniline	ND		U	0.0295	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
4-Chlorophenyl phenyl ether	ND		U	0.0390	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
4-Nitroaniline	ND		U	0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
4-Nitrophenol	ND	CCVE	U	0.0554	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Acenaphthene	**0.0522**	J	J	0.0348	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Acenaphthylene	ND		U	0.0300	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Acetophenone	ND	CCVE	U	0.0288	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Aniline	ND		U	0.0408	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Anthracene	**0.125**			0.0314	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Atrazine	ND		U	0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzaldehyde	ND	CCVE	U	0.0341	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzidine	ND	CAL-E	U	0.0113	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzo(a)anthracene	**0.405**			0.0307	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzo(a)pyrene	**0.455**			0.0347	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzo(b)fluoranthene	**0.383**			0.0353	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzo(g,h,i)perylene	**0.242**			0.0336	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzo(k)fluoranthene	**0.277**			0.0347	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0395	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzyl alcohol	ND		U	0.0291	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Benzyl butyl phthalate	**1.80**			0.0410	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Bis(2-chloroethoxy)methane	ND		U	0.0293	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0218	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0416	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0405	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Caprolactam	ND		U	0.0458	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0515**	J	J	0.0313	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Chrysene	**0.371**			0.0302	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Dibenzo(a,h)anthracene	ND		U	0.0282	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Dibenzofuran	ND		U	0.0311	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Diethyl phthalate	ND		U	0.0358	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Dimethyl phthalate	ND		U	0.0321	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Di-n-butyl phthalate	**0.284**			0.0395	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0300	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Fluoranthene	**0.795**			0.0302	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Fluorene	**0.0488**	J	J	0.0355	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Hexachlorobenzene	ND	CCVE	U	0.0380	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Hexachlorobutadiene	ND		U	0.0314	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0472	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Hexachloroethane	ND		U	0.0364	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Indeno(1,2,3-cd)pyrene	**0.230**			0.0364	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Isophorone	ND		U	0.0315	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Naphthalene	ND		U	0.0328	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Nitrobenzene	ND	CCVE	U	0.0317	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
N-Nitrosodimethylamine	ND		U	0.0409	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
N-nitroso-di-n-propylamine	ND		U	0.0306	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
N-Nitrosodiphenylamine	ND		U	0.0378	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Pentachlorophenol	ND	CCVE	U	0.0418	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Phenanthrene	**0.465**			0.0302	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Phenol	ND		U	0.0396	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr
Pyrene	**0.711**			0.0296	0.0939	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:00	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*65.5 %*			*20-108*	*EPA 8270E*	*8/20/26 12:00*
Surrogate: SURR: Phenol-d6	*60.8 %*			*23-114*	*EPA 8270E*	*8/20/26 12:00*
Surrogate: SURR: Nitrobenzene-d5	*65.8 %*			*22-108*	*EPA 8270E*	*8/20/26 12:00*
Surrogate: SURR: 2-Fluorobiphenyl	*65.1 %*			*21-113*	*EPA 8270E*	*8/20/26 12:00*
Surrogate: SURR: 2,4,6-Tribromophenol	*71.8 %*			*19-110*	*EPA 8270E*	*8/20/26 12:00*
Surrogate: SURR: Terphenyl-d14	*60.6 %*			*24-116*	*EPA 8270E*	*8/20/26 12:00*

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00995**		D	0.00356	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
4,4'-DDE	**0.00279**		D	0.00151	0.00188	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
4,4'-DDT	ND		U	0.00299	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Aldrin	ND		U	0.00119	0.00188	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
alpha-BHC	ND		U	0.00516	0.00563	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
alpha-Chlordane	ND		U	0.00226	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
beta-BHC	ND		U	0.00592	0.00845	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
delta-BHC	ND		U	0.00524	0.00563	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Dieldrin	ND		U	0.00276	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Endosulfan I	ND		U	0.00141	0.00188	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Endosulfan II	ND		U	0.00228	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Endosulfan sulfate	ND		U	0.00188	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Endrin	ND		U	0.00284	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
gamma-BHC (Lindane)	ND		U	0.00241	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ
Heptachlor	ND		U	0.00191	0.00376	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 16:36	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*60.8 %*			*30-150*	*EPA 8081B*	*8/16/26 16:36*
Surrogate: Tetrachloro-m-xylene	*66.8 %*			*30-150*	*EPA 8081B*	*8/16/26 16:36*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1221	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1232	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1242	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1248	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1254	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1260	**0.0219**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1262	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
Aroclor 1268	ND		U	0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF
* Total PCBs	**0.0219**			0.0188	0.0188	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:29	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*60.5 %*			*30-120*	*EPA 8082A*	*8/16/26 19:29*
Surrogate: Decachlorobiphenyl	*59.5 %*			*30-120*	*EPA 8082A*	*8/16/26 19:29*

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR
Barium	**1.34**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR
Lead	**62.0**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:25	AGNR

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6110**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Antimony	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Arsenic	**8.29**			1.42	1.42	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Barium	**340**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Beryllium	**0.351**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Cadmium	**1.11**			0.284	0.284	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Calcium	**10000**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Chromium	**28.8**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Cobalt	**68.6**			0.378	0.378	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Copper	**194**			1.89	1.89	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Iron	**22200**			23.6	23.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Lead	**377**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Magnesium	**2860**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Manganese	**169**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Nickel	**21.3**			0.941	0.941	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Potassium	**758**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Selenium	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Silver	**0.832**			0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Sodium	**208**			47.3	47.3	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Thallium	ND		U	1.13	1.89	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Vanadium	**23.6**			0.941	0.941	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR
Zinc	**656**			2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:25	AGNR

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-31**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19-CS-31	**Collection Date/Time:**	8/12/26 12:05

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.853**			0.0108	0.0340	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:17	LCB

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.207	0.567	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.89**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/15/26 9:54	8/15/26 13:38	BF
* Temperature	**21.8**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/15/26 9:54	8/15/26 13:38	BF
Cyanide, total	ND		U	0.334	0.567	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-32**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-31-G5	**Collection Date/Time:**	8/12/26 12:00

Lab ID:	**26H0685-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1,1-Trichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1,2-Trichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1-Dichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1-Dichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,1-Dichloropropylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2,3-Trichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2,3-Trichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2,4-Trichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2,4-Trimethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2-Dibromoethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2-Dichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2-Dichloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,2-Dichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,3,5-Trimethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,3-Dichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,3-Dichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
1,4-Dichlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
2,2-Dichloropropane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
2-Butanone	**0.020**			0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
2-Chloroethylvinyl ether	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
2-Chlorotoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-32**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-31-G5	**Collection Date/Time:**	8/12/26 12:00

Lab ID:	**26H0685-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
4-Chlorotoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
4-Methyl-2-pentanone	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Acetone	**0.091**	CAL-E, CCVE		0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Acrolein	ND	ICVE	U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Acrylonitrile	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Benzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Bromobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Bromochloromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Bromodichloromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Bromoform	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Bromomethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Carbon disulfide	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Carbon tetrachloride	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Chlorobenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Chloroethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Chloroform	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Chloromethane	ND	CCVE	U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
cis-1,2-Dichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
cis-1,3-Dichloropropylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Cyclohexane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Dibromochloromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Dibromomethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* Ethanol	ND		U	0.056	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-32**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-31-G5	**Collection Date/Time:**	8/12/26 12:00

Lab ID:	**26H0685-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* Iodomethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Isopropylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Methyl acetate	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Methyl Methacrylate	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Methylcyclohexane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Methylene chloride	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Naphthalene	ND		U	0.0035	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
n-Butylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
n-Propylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
o-Xylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
p- & m- Xylenes	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* p-Diethylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* p-Ethyltoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
p-Isopropyltoluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
sec-Butylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Styrene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.056	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
tert-Butyl alcohol (TBA)	ND		U	0.018	0.035	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
tert-Butylbenzene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Tetrachloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* Tetrahydrofuran	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-32**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-19- CS-31-G5	**Collection Date/Time:**	8/12/26 12:00

Lab ID:	**26H0685-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
trans-1,2-Dichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
trans-1,3-Dichloropropylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Trichloroethylene	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Trichlorofluoromethane	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Vinyl acetate	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Vinyl Chloride	ND		U	0.0035	0.0071	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS
Xylenes, Total	ND		U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:31	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/16/26 06:31*
Surrogate: SURR: Toluene-d8	*104 %*			*85-120*	*EPA 8260D*	*8/16/26 06:31*
Surrogate: SURR: p-Bromofluorobenzene	*117 %*			*76-130*	*EPA 8260D*	*8/16/26 06:31*

Lab ID:	**26H0685-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0387	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0316	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
1,2,4-Trichlorobenzene	ND		U	0.0343	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
1,2-Dichlorobenzene	ND		U	0.0296	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0298	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
1,3-Dichlorobenzene	ND		U	0.0345	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
1,4-Dichlorobenzene	ND		U	0.0284	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0447	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,4,5-Trichlorophenol	ND		U	0.0443	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,4,6-Trichlorophenol	ND		U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,4-Dichlorophenol	ND		U	0.0326	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,4-Dimethylphenol	ND		U	0.0405	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0364	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,4-Dinitrotoluene	ND		U	0.0354	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2,6-Dinitrotoluene	ND		U	0.0388	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2-Chloronaphthalene	ND		U	0.0310	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2-Chlorophenol	ND		U	0.0278	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2-Methylnaphthalene	ND		U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2-Methylphenol	ND		U	0.0297	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2-Nitroaniline	ND		U	0.0264	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
2-Nitrophenol	ND		U	0.0416	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
* 3- & 4-Methylphenols	ND		U	0.0292	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
3-Nitroaniline	ND		U	0.0354	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0488	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
4-Bromophenyl phenyl ether	ND		U	0.0385	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0309	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
4-Chloroaniline	ND		U	0.0293	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
4-Chlorophenyl phenyl ether	ND		U	0.0388	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
4-Nitroaniline	ND		U	0.0334	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
4-Nitrophenol	ND	CCVE	U	0.0551	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Acenaphthene	ND		U	0.0346	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Acenaphthylene	**0.0399**	J	J	0.0298	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Acetophenone	ND	CCVE	U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Aniline	ND		U	0.0406	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Anthracene	**0.0903**	J	J	0.0312	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Atrazine	ND		U	0.0334	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzaldehyde	ND	CCVE	U	0.0339	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzidine	ND	CAL-E	U	0.0113	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzo(a)anthracene	**0.366**			0.0305	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzo(a)pyrene	**0.420**			0.0344	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzo(b)fluoranthene	**0.378**			0.0351	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzo(g,h,i)perylene	**0.235**			0.0334	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzo(k)fluoranthene	**0.281**			0.0345	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0392	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzyl alcohol	ND		U	0.0290	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Benzyl butyl phthalate	ND		U	0.0407	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Bis(2-chloroethoxy)methane	ND		U	0.0291	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0217	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0414	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0403	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Caprolactam	ND		U	0.0455	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0358**	J	J	0.0311	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Chrysene	**0.345**			0.0300	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Dibenzo(a,h)anthracene	ND		U	0.0280	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Dibenzofuran	ND		U	0.0309	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Diethyl phthalate	ND		U	0.0355	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Dimethyl phthalate	ND		U	0.0319	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Di-n-butyl phthalate	ND		U	0.0393	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0299	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Fluoranthene	**0.680**			0.0300	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Fluorene	ND		U	0.0353	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Hexachlorobenzene	ND	CCVE	U	0.0378	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Hexachlorobutadiene	ND		U	0.0312	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0470	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Hexachloroethane	ND		U	0.0362	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Indeno(1,2,3-cd)pyrene	**0.230**			0.0362	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Isophorone	ND		U	0.0313	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Naphthalene	ND		U	0.0326	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Nitrobenzene	ND	CCVE	U	0.0315	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
N-Nitrosodimethylamine	ND		U	0.0407	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
N-nitroso-di-n-propylamine	ND		U	0.0305	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
N-Nitrosodiphenylamine	ND		U	0.0376	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Pentachlorophenol	ND	CCVE	U	0.0416	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Phenanthrene	**0.329**			0.0300	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Phenol	ND		U	0.0394	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr
Pyrene	**0.598**			0.0294	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 12:32	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*62.1 %*			*20-108*	*EPA 8270E*	*8/20/26 12:32*
Surrogate: SURR: Phenol-d6	*57.1 %*			*23-114*	*EPA 8270E*	*8/20/26 12:32*
Surrogate: SURR: Nitrobenzene-d5	*60.5 %*			*22-108*	*EPA 8270E*	*8/20/26 12:32*
Surrogate: SURR: 2-Fluorobiphenyl	*61.0 %*			*21-113*	*EPA 8270E*	*8/20/26 12:32*
Surrogate: SURR: 2,4,6-Tribromophenol	*73.3 %*			*19-110*	*EPA 8270E*	*8/20/26 12:32*
Surrogate: SURR: Terphenyl-d14	*58.4 %*			*24-116*	*EPA 8270E*	*8/20/26 12:32*

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00863**		D	0.00354	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
4,4'-DDE	**0.00344**	P	DP	0.00150	0.00187	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
4,4'-DDT	**0.00427**		D	0.00297	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Aldrin	ND		U	0.00118	0.00187	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
alpha-BHC	ND		U	0.00513	0.00560	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
alpha-Chlordane [2C]	ND		U	0.00225	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
beta-BHC	ND		U	0.00589	0.00840	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
delta-BHC	ND		U	0.00520	0.00560	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Dieldrin	ND		U	0.00274	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Endosulfan I	ND		U	0.00140	0.00187	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Endosulfan II	ND		U	0.00227	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Endosulfan sulfate	ND		U	0.00187	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Endrin	ND		U	0.00282	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
gamma-BHC (Lindane)	ND		U	0.00239	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH
Heptachlor	ND		U	0.00190	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:09	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*72.1 %*			*30-150*	*EPA 8081B*	*8/17/26 15:09*
Surrogate: Tetrachloro-m-xylene	*81.3 %*			*30-150*	*EPA 8081B*	*8/17/26 15:09*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1221	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1232	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1242	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1248	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1254	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1260	**0.0271**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1262	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
Aroclor 1268	**0.0245**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF
* Total PCBs	**0.0516**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:42	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*71.5 %*			*30-120*	*EPA 8082A*	*8/16/26 19:42*
Surrogate: Decachlorobiphenyl	*77.5 %*			*30-120*	*EPA 8082A*	*8/16/26 19:42*

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR
Barium	**1.19**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR
Lead	**1.45**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:26	AGNR

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7590**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Arsenic	**5.72**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Barium	**315**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Beryllium	**0.249**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Cadmium	**0.665**			0.277	0.277	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Calcium	**4350**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Chromium	**20.1**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Cobalt	**6.27**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Copper	**69.1**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Iron	**17400**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Lead	**266**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Magnesium	**3080**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Manganese	**214**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Nickel	**52.0**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Potassium	**981**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Silver	**0.582**			0.466	0.466	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Sodium	**176**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Vanadium	**30.2**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR
Zinc	**226**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:26	AGNR

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-33**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-32	**Collection Date/Time:**	8/12/26 12:15

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.732**			0.0107	0.0338	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:17	LCB

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.206	0.564	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.61**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:40	JSJ
* Temperature	**22.3**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:40	JSJ
Cyanide, total	ND		U	0.332	0.564	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-34**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-32-G3	**Collection Date/Time:**	8/12/26 12:10

Lab ID:	**26H0685-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1,1-Trichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1,2-Trichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1-Dichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1-Dichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,1-Dichloropropylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2,3-Trichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2,3-Trichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2,4-Trichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2,4-Trimethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2-Dibromoethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2-Dichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2-Dichloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,2-Dichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,3,5-Trimethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,3-Dichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,3-Dichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
1,4-Dichlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
2,2-Dichloropropane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
2-Butanone	**0.028**			0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
2-Chloroethylvinyl ether	ND		U	0.014	0.029	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
2-Chlorotoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-34**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-32-G3	**Collection Date/Time:**	8/12/26 12:10

Lab ID:	**26H0685-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
4-Chlorotoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
4-Methyl-2-pentanone	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Acetone	**0.15**	CAL-E, CCVE		0.0072	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Acrolein	ND	ICVE	U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Acrylonitrile	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Benzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Bromobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Bromochloromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Bromodichloromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Bromoform	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Bromomethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Carbon disulfide	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Carbon tetrachloride	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Chlorobenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Chloroethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Chloroform	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Chloromethane	ND	CCVE	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
cis-1,2-Dichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
cis-1,3-Dichloropropylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Cyclohexane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Dibromochloromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Dibromomethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* Ethanol	ND		U	0.057	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-34**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-32-G3	**Collection Date/Time:**	8/12/26 12:10

Lab ID:	**26H0685-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* Iodomethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Isopropylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Methyl acetate	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Methyl Methacrylate	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Methylcyclohexane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Methylene chloride	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Naphthalene	ND		U	0.0036	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
n-Butylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
n-Propylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
o-Xylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
p- & m- Xylenes	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* p-Diethylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* p-Ethyltoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
p-Isopropyltoluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
sec-Butylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Styrene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.057	0.11	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0057	0.011	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
tert-Butyl alcohol (TBA)	ND		U	0.018	0.036	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
tert-Butylbenzene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Tetrachloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* Tetrahydrofuran	ND		U	0.0072	0.014	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-34**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-32-G3	**Collection Date/Time:**	8/12/26 12:10

Lab ID:	**26H0685-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
trans-1,2-Dichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
trans-1,3-Dichloropropylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Trichloroethylene	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Trichlorofluoromethane	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Vinyl acetate	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Vinyl Chloride	ND		U	0.0036	0.0072	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS
Xylenes, Total	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 06:59	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/16/26 06:59*
Surrogate: SURR: Toluene-d8	*106 %*			*85-120*	*EPA 8260D*	*8/16/26 06:59*
Surrogate: SURR: p-Bromofluorobenzene	*119 %*			*76-130*	*EPA 8260D*	*8/16/26 06:59*

Lab ID:	**26H0685-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.9**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	**0.424**			0.0393	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0322	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
1,2,4-Trichlorobenzene	ND		U	0.0349	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
1,2-Dichlorobenzene	ND		U	0.0301	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0303	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
1,3-Dichlorobenzene	ND		U	0.0351	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
1,4-Dichlorobenzene	ND		U	0.0289	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0455	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,4,5-Trichlorophenol	ND		U	0.0451	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,4,6-Trichlorophenol	ND		U	0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,4-Dichlorophenol	ND		U	0.0332	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,4-Dimethylphenol	ND		U	0.0412	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0370	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,4-Dinitrotoluene	ND		U	0.0360	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2,6-Dinitrotoluene	ND		U	0.0395	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2-Chloronaphthalene	ND		U	0.0316	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2-Chlorophenol	ND		U	0.0283	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2-Methylnaphthalene	**3.00**		D	0.291	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
2-Methylphenol	ND		U	0.0302	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2-Nitroaniline	ND		U	0.0268	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
2-Nitrophenol	ND		U	0.0423	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
* 3- & 4-Methylphenols	ND		U	0.0297	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
3,3-Dichlorobenzidine	**0.208**	ICVE		0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
3-Nitroaniline	ND		U	0.0360	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0496	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
4-Bromophenyl phenyl ether	ND		U	0.0392	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0314	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
4-Chloroaniline	ND		U	0.0298	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
4-Chlorophenyl phenyl ether	ND		U	0.0395	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
4-Nitroaniline	ND		U	0.0340	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
4-Nitrophenol	ND	CCVE	U	0.0561	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Acenaphthene	**2.45**		D	0.352	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Acenaphthylene	**1.01**			0.0303	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Acetophenone	ND	CCVE	U	0.0291	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Aniline	ND		U	0.0413	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Anthracene	**8.20**		D	0.317	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Atrazine	ND		U	0.0339	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Benzaldehyde	ND	CCVE	U	0.0345	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Benzidine	ND	CAL-E	U	0.0115	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Benzo(a)anthracene	**9.66**		D	0.310	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Benzo(a)pyrene	**8.28**		D	0.350	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Benzo(b)fluoranthene	**6.46**		D	0.357	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Benzo(g,h,i)perylene	**3.72**		D	0.340	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Benzo(k)fluoranthene	**5.04**		D	0.351	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0399	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Benzyl alcohol	ND		U	0.0294	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Benzyl butyl phthalate	ND		U	0.0414	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Bis(2-chloroethoxy)methane	ND		U	0.0296	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0221	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0421	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0410	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Caprolactam	ND		U	0.0463	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**2.01**		D	0.316	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Chrysene	**8.64**		D	0.305	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Dibenzo(a,h)anthracene	**0.315**			0.0285	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Dibenzofuran	**2.79**		D	0.314	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Diethyl phthalate	ND		U	0.0362	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Dimethyl phthalate	ND		U	0.0325	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Di-n-butyl phthalate	ND		U	0.0400	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0304	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Fluoranthene	**26.4**		D	1.53	4.75	50	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:33	DD
Fluorene	**6.10**		D	0.359	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Hexachlorobenzene	ND	CCVE	U	0.0385	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Hexachlorobutadiene	ND		U	0.0318	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0478	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Hexachloroethane	ND		U	0.0368	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Indeno(1,2,3-cd)pyrene	**3.58**		D	0.368	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Isophorone	ND		U	0.0318	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Naphthalene	**3.57**		D	0.332	0.949	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 17:05	DD
Nitrobenzene	ND	CCVE	U	0.0321	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
N-Nitrosodimethylamine	ND		U	0.0414	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
N-nitroso-di-n-propylamine	ND		U	0.0310	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
N-Nitrosodiphenylamine	ND		U	0.0383	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Pentachlorophenol	ND	CCVE	U	0.0423	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Phenanthrene	**43.0**		D	1.53	4.75	50	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:33	DD
Phenol	ND		U	0.0401	0.0949	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:04	sr
Pyrene	**22.0**		D	1.50	4.75	50	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:33	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*56.4 %*			*20-108*	*EPA 8270E*	*8/20/26 13:04*
Surrogate: SURR: Phenol-d6	*54.2 %*			*23-114*	*EPA 8270E*	*8/20/26 13:04*
Surrogate: SURR: Nitrobenzene-d5	*53.5 %*			*22-108*	*EPA 8270E*	*8/20/26 13:04*
Surrogate: SURR: 2-Fluorobiphenyl	*55.5 %*			*21-113*	*EPA 8270E*	*8/20/26 13:04*
Surrogate: SURR: 2,4,6-Tribromophenol	*62.0 %*			*19-110*	*EPA 8270E*	*8/20/26 13:04*
Surrogate: SURR: Terphenyl-d14	*50.8 %*			*24-116*	*EPA 8270E*	*8/20/26 13:04*

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0121**		D	0.00360	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
4,4'-DDE	**0.00582**	P	DP	0.00153	0.00190	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
4,4'-DDT	**0.00480**		D	0.00302	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Aldrin	ND		U	0.00120	0.00190	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
alpha-BHC	ND		U	0.00522	0.00570	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
alpha-Chlordane	**0.00709**		D	0.00228	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
beta-BHC	ND		U	0.00599	0.00854	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
delta-BHC	ND		U	0.00529	0.00570	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Dieldrin	ND		U	0.00279	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Endosulfan I	ND		U	0.00142	0.00190	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Endosulfan II	ND		U	0.00231	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Endosulfan sulfate	ND		U	0.00190	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Endrin	ND		U	0.00287	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
gamma-BHC (Lindane)	ND		U	0.00244	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH
Heptachlor	ND		U	0.00194	0.00380	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:27	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*64.0 %*			*30-150*	*EPA 8081B*	*8/17/26 15:27*
Surrogate: Tetrachloro-m-xylene	*66.9 %*			*30-150*	*EPA 8081B*	*8/17/26 15:27*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1221	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1232	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1242	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1248	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1254	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1260	**0.0463**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1262	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
Aroclor 1268	**0.0363**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF
* Total PCBs	**0.0826**			0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 19:56	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*77.0 %*			*30-120*	*EPA 8082A*	*8/16/26 19:56*
Surrogate: Decachlorobiphenyl	*94.5 %*			*30-120*	*EPA 8082A*	*8/16/26 19:56*

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR
Barium	**1.13**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR
Lead	**0.865**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:28	AGNR

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6000**			4.86	4.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Antimony	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Arsenic	**6.07**			1.46	1.46	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Barium	**196**			2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Beryllium	**0.192**			0.049	0.049	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Cadmium	**0.778**			0.292	0.292	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Calcium	**8140**			4.86	4.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Chromium	**18.2**			0.486	0.486	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Cobalt	**5.34**			0.388	0.388	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Copper	**74.2**			1.94	1.94	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Iron	**18000**			24.3	24.3	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Lead	**402**			0.486	0.486	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Magnesium	**2660**			4.86	4.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Manganese	**238**			0.486	0.486	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Nickel	**23.7**			0.968	0.968	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Potassium	**788**			4.86	4.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Selenium	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Silver	**0.593**			0.490	0.490	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Sodium	**187**			48.6	48.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Thallium	ND		U	1.17	1.95	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Vanadium	**21.7**			0.968	0.968	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR
Zinc	**243**			2.42	2.42	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:28	AGNR

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-35**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20-CS-33	**Collection Date/Time:**	8/12/26 12:25

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.569**			0.0109	0.0344	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:17	LCB

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.209	0.573	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.71**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:49	JSJ
* Temperature	**22.2**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:49	JSJ
Cyanide, total	ND		U	0.337	0.573	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-36**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-33-G1	**Collection Date/Time:**	8/12/26 12:20

Lab ID:	**26H0685-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1,1-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1,2-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,1-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2,3-Trichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2-Dibromoethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,3-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,3-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
1,4-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
2,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
2-Butanone	**0.023**			0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.025	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
2-Chlorotoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-36**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-33-G1	**Collection Date/Time:**	8/12/26 12:20

Lab ID:	**26H0685-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
4-Chlorotoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
4-Methyl-2-pentanone	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Acetone	**0.13**	CAL-E, CCVE		0.0062	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Acrolein	ND	ICVE	U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Acrylonitrile	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Bromobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Bromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Bromodichloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Bromoform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Bromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Carbon disulfide	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Carbon tetrachloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Chlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Chloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Chloroform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Chloromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
cis-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Cyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Dibromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Dibromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* Ethanol	ND		U	0.050	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-36**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-33-G1	**Collection Date/Time:**	8/12/26 12:20

Lab ID:	**26H0685-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* Iodomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Isopropylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Methyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Methyl Methacrylate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Methylcyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Methylene chloride	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Naphthalene	ND		U	0.0031	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
n-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
n-Propylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
o-Xylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
p- & m- Xylenes	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* p-Diethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* p-Ethyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
p-Isopropyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
sec-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Styrene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.050	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
tert-Butyl alcohol (TBA)	ND		U	0.016	0.031	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
tert-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Tetrachloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* Tetrahydrofuran	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-36**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-20- CS-33-G1	**Collection Date/Time:**	8/12/26 12:20

Lab ID:	**26H0685-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Trichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Trichlorofluoromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Vinyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Vinyl Chloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS
Xylenes, Total	ND		U	0.0094	0.019	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:26	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/16/26 07:26*
Surrogate: SURR: Toluene-d8	*105 %*			*85-120*	*EPA 8260D*	*8/16/26 07:26*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*			*76-130*	*EPA 8260D*	*8/16/26 07:26*

Lab ID:	**26H0685-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.3**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0373	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0305	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
1,2,4-Trichlorobenzene	ND		U	0.0331	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
1,2-Dichlorobenzene	ND		U	0.0285	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0287	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
1,3-Dichlorobenzene	ND		U	0.0333	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
1,4-Dichlorobenzene	ND		U	0.0274	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0431	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,4,5-Trichlorophenol	ND		U	0.0427	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,4,6-Trichlorophenol	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,4-Dichlorophenol	ND		U	0.0314	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,4-Dimethylphenol	ND		U	0.0391	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0351	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,4-Dinitrotoluene	ND		U	0.0341	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2,6-Dinitrotoluene	ND		U	0.0374	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2-Chloronaphthalene	ND		U	0.0299	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2-Chlorophenol	ND		U	0.0268	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2-Methylnaphthalene	**0.0389**	J	J	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2-Methylphenol	ND		U	0.0286	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2-Nitroaniline	ND		U	0.0254	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
2-Nitrophenol	ND		U	0.0401	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
* 3- & 4-Methylphenols	ND		U	0.0281	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
3-Nitroaniline	ND		U	0.0341	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0470	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
4-Bromophenyl phenyl ether	ND		U	0.0371	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0298	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
4-Chloroaniline	ND		U	0.0283	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
4-Chlorophenyl phenyl ether	ND		U	0.0374	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
4-Nitroaniline	ND		U	0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
4-Nitrophenol	ND	CCVE	U	0.0531	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Acenaphthene	**0.0831**	J	J	0.0333	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Acenaphthylene	**0.0414**	J	J	0.0288	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Acetophenone	ND	CCVE	U	0.0275	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Aniline	ND		U	0.0391	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Anthracene	**0.197**			0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Atrazine	ND		U	0.0321	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzaldehyde	ND	CCVE	U	0.0327	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzidine	ND	CAL-E	U	0.0109	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzo(a)anthracene	**0.560**			0.0294	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzo(a)pyrene	**0.622**			0.0332	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzo(b)fluoranthene	**0.534**			0.0338	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzo(g,h,i)perylene	**0.323**			0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzo(k)fluoranthene	**0.429**			0.0332	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzoic acid	ND	CCVE, ICVE, CAL-E	U	0.0378	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzyl alcohol	ND		U	0.0279	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Benzyl butyl phthalate	ND		U	0.0393	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Bis(2-chloroethoxy)methane	ND		U	0.0280	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0209	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0399	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0388	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Caprolactam	ND		U	0.0438	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0943**			0.0299	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Chrysene	**0.542**			0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Dibenzo(a,h)anthracene	**0.0331**	J	J	0.0270	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Dibenzofuran	**0.0543**	J	J	0.0298	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Diethyl phthalate	ND		U	0.0343	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Dimethyl phthalate	ND		U	0.0308	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Di-n-butyl phthalate	ND		U	0.0379	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0288	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Fluoranthene	**1.34**			0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Fluorene	**0.0853**	J	J	0.0340	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Hexachlorobenzene	ND	CCVE	U	0.0365	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Hexachlorobutadiene	ND		U	0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0453	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Hexachloroethane	ND		U	0.0349	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Indeno(1,2,3-cd)pyrene	**0.326**			0.0349	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Isophorone	ND		U	0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Naphthalene	**0.0601**	J	J	0.0314	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Nitrobenzene	ND	CCVE	U	0.0304	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
N-Nitrosodimethylamine	ND		U	0.0392	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
N-nitroso-di-n-propylamine	ND		U	0.0293	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
N-Nitrosodiphenylamine	ND		U	0.0362	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Pentachlorophenol	ND	CCVE	U	0.0401	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Phenanthrene	**1.10**			0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Phenol	ND		U	0.0380	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr
Pyrene	**1.09**			0.0284	0.0899	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 13:36	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*54.0 %*			*20-108*	*EPA 8270E*	*8/20/26 13:36*
Surrogate: SURR: Phenol-d6	*50.9 %*			*23-114*	*EPA 8270E*	*8/20/26 13:36*
Surrogate: SURR: Nitrobenzene-d5	*50.6 %*			*22-108*	*EPA 8270E*	*8/20/26 13:36*
Surrogate: SURR: 2-Fluorobiphenyl	*56.0 %*			*21-113*	*EPA 8270E*	*8/20/26 13:36*
Surrogate: SURR: 2,4,6-Tribromophenol	*65.7 %*			*19-110*	*EPA 8270E*	*8/20/26 13:36*
Surrogate: SURR: Terphenyl-d14	*51.6 %*			*24-116*	*EPA 8270E*	*8/20/26 13:36*

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00341	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
4,4'-DDE	ND		U	0.00145	0.00180	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
4,4'-DDT	ND		U	0.00287	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Aldrin	ND		U	0.00114	0.00180	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
alpha-BHC	ND		U	0.00494	0.00540	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
alpha-Chlordane	ND		U	0.00216	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
beta-BHC	ND		U	0.00567	0.00810	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
delta-BHC	ND		U	0.00502	0.00540	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Dieldrin	ND		U	0.00264	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Endosulfan I	ND		U	0.00135	0.00180	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Endosulfan II	ND		U	0.00218	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Endosulfan sulfate	ND		U	0.00180	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Endrin	ND		U	0.00272	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
gamma-BHC (Lindane)	ND		U	0.00231	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ
Heptachlor	ND		U	0.00183	0.00360	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 17:27	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*62.9 %*			*30-150*	*EPA 8081B*	*8/16/26 17:27*
Surrogate: Tetrachloro-m-xylene	*68.3 %*			*30-150*	*EPA 8081B*	*8/16/26 17:27*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1254	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
Aroclor 1268	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF
* Total PCBs	**0.0299**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:10	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.0 %*			*30-120*	*EPA 8082A*	*8/16/26 20:10*
Surrogate: Decachlorobiphenyl	*65.0 %*			*30-120*	*EPA 8082A*	*8/16/26 20:10*

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR
Barium	**0.755**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR
Lead	**0.290**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:29	AGNR

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4280**			4.38	4.38	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Antimony	ND		U	2.19	2.19	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Arsenic	**3.26**			1.31	1.31	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Barium	**93.5**			2.19	2.19	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Beryllium	**0.117**			0.044	0.044	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Cadmium	**0.727**			0.263	0.263	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Calcium	**1870**			4.38	4.38	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Chromium	**32.2**			0.438	0.438	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Cobalt	**5.14**			0.350	0.350	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Copper	**49.1**			1.75	1.75	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Iron	**9790**			21.9	21.9	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Lead	**146**			0.438	0.438	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Magnesium	**1780**			4.38	4.38	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Manganese	**145**			0.438	0.438	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Nickel	**77.3**			0.873	0.873	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Potassium	**665**			4.38	4.38	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Selenium	ND		U	2.19	2.19	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Silver	ND		U	0.442	0.442	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Sodium	**102**			43.8	43.8	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Thallium	ND		U	1.05	1.76	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Vanadium	**15.6**			0.873	0.873	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR
Zinc	**122**			2.18	2.18	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:29	AGNR

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-37**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-34	**Collection Date/Time:**	8/12/26 12:35

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.376**			0.0103	0.0326	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:17	LCB

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.198	0.543	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.51**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:50	JSJ
* Temperature	**22.0**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:50	JSJ
Cyanide, total	ND		U	0.320	0.543	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.0**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-38**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-34-G8	**Collection Date/Time:**	8/12/26 12:30

Lab ID:	**26H0685-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1,1-Trichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1,2-Trichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1-Dichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1-Dichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,1-Dichloropropylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2,3-Trichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2,3-Trichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2,4-Trichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2,4-Trimethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2-Dibromoethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2-Dichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2-Dichloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,2-Dichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,3,5-Trimethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,3-Dichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,3-Dichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
1,4-Dichlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
2,2-Dichloropropane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
2-Butanone	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
2-Chloroethylvinyl ether	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
2-Chlorotoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-38**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-34-G8	**Collection Date/Time:**	8/12/26 12:30

Lab ID:	**26H0685-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
4-Chlorotoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
4-Methyl-2-pentanone	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Acetone	ND	CAL-E	U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Acrolein	ND	ICVE	U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Acrylonitrile	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Benzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Bromobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Bromochloromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Bromodichloromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Bromoform	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Bromomethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Carbon disulfide	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Carbon tetrachloride	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Chlorobenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Chloroethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Chloroform	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Chloromethane	ND	CCVE	U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
cis-1,2-Dichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
cis-1,3-Dichloropropylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Cyclohexane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Dibromochloromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Dibromomethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* Ethanol	ND		U	0.051	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-38**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-34-G8	**Collection Date/Time:**	8/12/26 12:30

Lab ID:	**26H0685-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* Iodomethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Isopropylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Methyl acetate	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Methyl Methacrylate	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Methylcyclohexane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Methylene chloride	ND		U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Naphthalene	ND		U	0.0032	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
n-Butylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
n-Propylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
o-Xylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
p- & m- Xylenes	ND		U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* p-Diethylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* p-Ethyltoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
p-Isopropyltoluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
sec-Butylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Styrene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* tert-Amyl alcohol (TAA)	ND	QL-02	U	0.051	0.10	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
tert-Butyl alcohol (TBA)	ND		U	0.016	0.032	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
tert-Butylbenzene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Tetrachloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* Tetrahydrofuran	ND		U	0.0064	0.013	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-38**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-34-G8	**Collection Date/Time:**	8/12/26 12:30

Lab ID:	**26H0685-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
trans-1,2-Dichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
trans-1,3-Dichloropropylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Trichloroethylene	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Trichlorofluoromethane	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Vinyl acetate	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Vinyl Chloride	ND		U	0.0032	0.0064	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS
Xylenes, Total	ND		U	0.0096	0.019	1	mg/kg dry	EPA 8260D	8/15/26 7:00	8/16/26 07:53	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/16/26 07:53*
Surrogate: SURR: Toluene-d8	*104 %*			*85-120*	*EPA 8260D*	*8/16/26 07:53*
Surrogate: SURR: p-Bromofluorobenzene	*116 %*			*76-130*	*EPA 8260D*	*8/16/26 07:53*

Lab ID:	**26H0685-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0400	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0328	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
1,2,4-Trichlorobenzene	ND		U	0.0355	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
1,2-Dichlorobenzene	ND		U	0.0306	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0308	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
1,3-Dichlorobenzene	ND		U	0.0358	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
1,4-Dichlorobenzene	ND		U	0.0295	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0463	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,4,5-Trichlorophenol	ND		U	0.0459	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,4,6-Trichlorophenol	ND		U	0.0297	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,4-Dichlorophenol	ND		U	0.0338	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,4-Dimethylphenol	ND		U	0.0420	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0377	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,4-Dinitrotoluene	ND		U	0.0367	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2,6-Dinitrotoluene	ND		U	0.0402	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2-Chloronaphthalene	ND		U	0.0321	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2-Chlorophenol	ND		U	0.0288	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2-Methylnaphthalene	ND		U	0.0296	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2-Methylphenol	ND		U	0.0308	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2-Nitroaniline	ND		U	0.0273	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
2-Nitrophenol	ND		U	0.0431	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
* 3- & 4-Methylphenols	ND		U	0.0302	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0296	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
3-Nitroaniline	ND		U	0.0367	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0505	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
4-Bromophenyl phenyl ether	ND		U	0.0399	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0320	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
4-Chloroaniline	ND		U	0.0304	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
4-Chlorophenyl phenyl ether	ND		U	0.0402	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
4-Nitroaniline	ND		U	0.0346	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
4-Nitrophenol	ND	CCVE	U	0.0571	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Acenaphthene	**0.0506**	J	J	0.0358	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Acenaphthylene	**0.0483**	J	J	0.0309	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Acetophenone	ND	CCVE	U	0.0296	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Aniline	ND		U	0.0420	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Anthracene	**0.122**			0.0323	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Atrazine	ND		U	0.0345	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzaldehyde	ND	CCVE	U	0.0351	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzidine	ND	CAL-E	U	0.0117	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzo(a)anthracene	**0.444**			0.0316	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzo(a)pyrene	**0.558**			0.0357	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzo(b)fluoranthene	**0.479**			0.0363	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzo(g,h,i)perylene	**0.297**			0.0346	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzo(k)fluoranthene	**0.372**			0.0357	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0406	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzyl alcohol	ND		U	0.0300	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Benzyl butyl phthalate	ND		U	0.0422	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Bis(2-chloroethoxy)methane	ND		U	0.0301	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0225	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0428	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0417	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Caprolactam	ND		U	0.0471	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0584**	J	J	0.0322	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Chrysene	**0.422**			0.0310	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Dibenzo(a,h)anthracene	**0.0336**	J	J	0.0290	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Dibenzofuran	ND		U	0.0320	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Diethyl phthalate	ND		U	0.0368	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Dimethyl phthalate	ND		U	0.0331	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Di-n-butyl phthalate	ND		U	0.0407	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0309	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Fluoranthene	**0.940**			0.0311	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Fluorene	**0.0472**	J	J	0.0365	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Hexachlorobenzene	ND	CCVE	U	0.0392	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Hexachlorobutadiene	ND		U	0.0323	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0486	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Hexachloroethane	ND		U	0.0375	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Indeno(1,2,3-cd)pyrene	**0.302**			0.0375	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Isophorone	ND		U	0.0324	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Naphthalene	**0.0375**	J	J	0.0337	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Nitrobenzene	ND	CCVE	U	0.0326	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
N-Nitrosodimethylamine	ND		U	0.0421	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
N-nitroso-di-n-propylamine	ND		U	0.0315	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
N-Nitrosodiphenylamine	ND		U	0.0389	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Pentachlorophenol	ND	CCVE	U	0.0430	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Phenanthrene	**0.574**			0.0311	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Phenol	ND		U	0.0408	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr
Pyrene	**0.752**			0.0305	0.0966	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:08	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*59.2 %*			*20-108*	*EPA 8270E*	*8/20/26 14:08*
Surrogate: SURR: Phenol-d6	*55.3 %*			*23-114*	*EPA 8270E*	*8/20/26 14:08*
Surrogate: SURR: Nitrobenzene-d5	*57.1 %*			*22-108*	*EPA 8270E*	*8/20/26 14:08*
Surrogate: SURR: 2-Fluorobiphenyl	*59.5 %*			*21-113*	*EPA 8270E*	*8/20/26 14:08*
Surrogate: SURR: 2,4,6-Tribromophenol	*70.8 %*			*19-110*	*EPA 8270E*	*8/20/26 14:08*
Surrogate: SURR: Terphenyl-d14	*54.6 %*			*24-116*	*EPA 8270E*	*8/20/26 14:08*

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00681**		D	0.00366	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
4,4'-DDE	**0.00238**	P	DP	0.00156	0.00193	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
4,4'-DDT	ND		U	0.00308	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Aldrin	ND		U	0.00122	0.00193	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
alpha-BHC	ND		U	0.00531	0.00580	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
alpha-Chlordane	ND		U	0.00232	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
beta-BHC	ND		U	0.00609	0.00870	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
delta-BHC	ND		U	0.00539	0.00580	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Dieldrin	ND		U	0.00284	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Endosulfan I	ND		U	0.00145	0.00193	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Endosulfan II	ND		U	0.00235	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Endosulfan sulfate	ND		U	0.00193	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Endrin	ND		U	0.00292	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
gamma-BHC (Lindane)	ND		U	0.00248	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH
Heptachlor	ND		U	0.00197	0.00387	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 15:44	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*53.8 %*			*30-150*	*EPA 8081B*	*8/17/26 15:44*
Surrogate: Tetrachloro-m-xylene	*70.9 %*			*30-150*	*EPA 8081B*	*8/17/26 15:44*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1221	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1232	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1242	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1248	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1254	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1260	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1262	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
Aroclor 1268	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF
* Total PCBs	ND		U	0.0193	0.0193	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:24	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*61.0 %*			*30-120*	*EPA 8082A*	*8/16/26 20:24*
Surrogate: Decachlorobiphenyl	*58.5 %*			*30-120*	*EPA 8082A*	*8/16/26 20:24*

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR
Barium	**0.902**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR
Lead	**0.645**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:41	AGNR

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4140**			4.86	4.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Antimony	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Arsenic	**3.93**			1.46	1.46	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Barium	**172**			2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Beryllium	**0.188**			0.049	0.049	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Cadmium	**0.506**			0.292	0.292	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Calcium	**2440**			4.86	4.86	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Chromium	**16.3**			0.487	0.487	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Cobalt	**4.53**			0.389	0.389	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Copper	**71.0**			1.95	1.95	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Iron	**10500**			24.3	24.3	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Lead	**263**			0.487	0.487	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Magnesium	**1700**			4.87	4.87	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Manganese	**123**			0.487	0.487	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Nickel	**20.6**			0.969	0.969	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Potassium	**581**			4.87	4.87	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Selenium	ND		U	2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Silver	ND		U	0.490	0.490	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Sodium	**96.1**			48.6	48.6	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Thallium	ND		U	1.17	1.95	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Vanadium	**16.9**			0.969	0.969	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR
Zinc	**248**			2.42	2.42	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:31	AGNR

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-39**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-35	**Collection Date/Time:**	8/12/26 12:45

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.434**			0.0111	0.0350	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:18	LCB

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.213	0.584	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.59**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:52	JSJ
* Temperature	**22.2**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:52	JSJ
Cyanide, total	ND		U	0.343	0.584	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:07	8/15/26 11:51	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-40**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-35-G4	**Collection Date/Time:**	8/12/26 12:40

Lab ID:	**26H0685-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1,1-Trichloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1,2-Trichloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1-Dichloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1-Dichloroethylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,1-Dichloropropylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2,3-Trichlorobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2,3-Trichloropropane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2,4-Trichlorobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2,4-Trimethylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2-Dibromo-3-chloropropane	ND	CCVE	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2-Dibromoethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2-Dichlorobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2-Dichloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,3,5-Trimethylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,3-Dichlorobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,3-Dichloropropane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
1,4-Dichlorobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
2,2-Dichloropropane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
2-Butanone	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.014	0.027	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
2-Chlorotoluene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-40**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-35-G4	**Collection Date/Time:**	8/12/26 12:40

Lab ID:	**26H0685-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
4-Chlorotoluene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
4-Methyl-2-pentanone	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Acetone	ND	CCVE	U	0.0068	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Acrolein	ND	CCVE	U	0.0068	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Acrylonitrile	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Benzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Bromobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Bromochloromethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Bromodichloromethane	ND	QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Bromoform	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Bromomethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Carbon disulfide	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Carbon tetrachloride	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Chlorobenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Chloroethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Chloroform	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Chloromethane	ND	CCVE	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
cis-1,2-Dichloroethylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
cis-1,3-Dichloropropylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Cyclohexane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Dibromochloromethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Dibromomethane	ND	QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* Ethanol	ND	CCVE	U	0.054	0.11	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-40**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-35-G4	**Collection Date/Time:**	8/12/26 12:40

Lab ID:	**26H0685-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* Iodomethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Isopropylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Methyl acetate	ND	CCVE	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Methyl Methacrylate	ND	CCVE, QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Methylcyclohexane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Methylene chloride	ND		U	0.0068	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0034	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
n-Butylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
n-Propylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
o-Xylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
p- & m- Xylenes	ND		U	0.0068	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* p-Diethylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* p-Ethyltoluene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
p-Isopropyltoluene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
sec-Butylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Styrene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.054	0.11	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.034	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
tert-Butylbenzene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Tetrachloroethylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* Tetrahydrofuran	ND		U	0.0068	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-40**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-35-G4	**Collection Date/Time:**	8/12/26 12:40

Lab ID:	**26H0685-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
trans-1,2-Dichloroethylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
trans-1,3-Dichloropropylene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Trichloroethylene	ND	QL-02	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Trichlorofluoromethane	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Vinyl acetate	ND		U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Vinyl Chloride	ND	CCVE	U	0.0034	0.0068	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS
Xylenes, Total	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:03	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/17/26 18:03*
Surrogate: SURR: Toluene-d8	*90.8 %*			*85-120*	*EPA 8260D*	*8/17/26 18:03*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*76-130*	*EPA 8260D*	*8/17/26 18:03*

Lab ID:	**26H0685-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0367	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0300	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
1,2,4-Trichlorobenzene	ND		U	0.0325	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
1,2-Dichlorobenzene	ND		U	0.0280	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0282	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
1,3-Dichlorobenzene	ND		U	0.0327	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
1,4-Dichlorobenzene	ND		U	0.0270	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0424	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,4,5-Trichlorophenol	ND		U	0.0420	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,4,6-Trichlorophenol	ND		U	0.0272	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,4-Dichlorophenol	ND		U	0.0309	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,4-Dimethylphenol	ND		U	0.0384	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0345	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,4-Dinitrotoluene	ND		U	0.0336	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2,6-Dinitrotoluene	ND		U	0.0368	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2-Chloronaphthalene	ND		U	0.0294	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2-Chlorophenol	ND		U	0.0264	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2-Methylnaphthalene	ND		U	0.0271	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2-Methylphenol	ND		U	0.0282	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2-Nitroaniline	ND		U	0.0250	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
2-Nitrophenol	ND		U	0.0394	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
* 3- & 4-Methylphenols	ND		U	0.0277	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0271	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
3-Nitroaniline	ND		U	0.0336	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0462	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
4-Bromophenyl phenyl ether	ND		U	0.0365	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0293	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
4-Chloroaniline	ND		U	0.0278	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
4-Chlorophenyl phenyl ether	ND		U	0.0368	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
4-Nitroaniline	ND		U	0.0317	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
4-Nitrophenol	ND	CCVE	U	0.0522	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Acenaphthene	ND		U	0.0328	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Acenaphthylene	ND		U	0.0283	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Acetophenone	ND	CCVE	U	0.0271	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Aniline	ND		U	0.0385	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Anthracene	ND		U	0.0296	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Atrazine	ND		U	0.0316	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzaldehyde	ND	CCVE	U	0.0322	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzidine	ND	CAL-E	U	0.0107	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzo(a)anthracene	**0.0782**	J	J	0.0289	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzo(a)pyrene	**0.104**			0.0326	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzo(b)fluoranthene	**0.0860**	J	J	0.0333	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzo(g,h,i)perylene	**0.0566**	J	J	0.0316	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzo(k)fluoranthene	**0.0669**	J	J	0.0327	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0372	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzyl alcohol	ND		U	0.0274	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Benzyl butyl phthalate	ND		U	0.0386	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Bis(2-chloroethoxy)methane	ND		U	0.0276	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0206	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0392	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0382	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Caprolactam	ND		U	0.0431	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	ND		U	0.0294	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Chrysene	**0.0757**	J	J	0.0284	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Dibenzo(a,h)anthracene	ND		U	0.0265	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Dibenzofuran	ND		U	0.0293	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Diethyl phthalate	ND		U	0.0337	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Dimethyl phthalate	ND		U	0.0303	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Di-n-butyl phthalate	ND		U	0.0372	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0283	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Fluoranthene	**0.143**			0.0285	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Fluorene	ND		U	0.0334	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Hexachlorobenzene	ND	CCVE	U	0.0358	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Hexachlorobutadiene	ND		U	0.0296	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0445	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Hexachloroethane	ND		U	0.0343	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Indeno(1,2,3-cd)pyrene	**0.0555**	J	J	0.0343	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Isophorone	ND		U	0.0296	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Naphthalene	ND		U	0.0309	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Nitrobenzene	ND	CCVE	U	0.0299	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
N-Nitrosodimethylamine	ND		U	0.0385	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
N-nitroso-di-n-propylamine	ND		U	0.0289	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
N-Nitrosodiphenylamine	ND		U	0.0356	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Pentachlorophenol	ND	CCVE	U	0.0394	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Phenanthrene	**0.0651**	J	J	0.0284	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Phenol	ND		U	0.0373	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr
Pyrene	**0.128**			0.0279	0.0884	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 14:40	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*51.6 %*			*20-108*	*EPA 8270E*	*8/20/26 14:40*
Surrogate: SURR: Phenol-d6	*46.7 %*			*23-114*	*EPA 8270E*	*8/20/26 14:40*
Surrogate: SURR: Nitrobenzene-d5	*51.0 %*			*22-108*	*EPA 8270E*	*8/20/26 14:40*
Surrogate: SURR: 2-Fluorobiphenyl	*51.9 %*			*21-113*	*EPA 8270E*	*8/20/26 14:40*
Surrogate: SURR: 2,4,6-Tribromophenol	*60.3 %*			*19-110*	*EPA 8270E*	*8/20/26 14:40*
Surrogate: SURR: Terphenyl-d14	*50.1 %*			*24-116*	*EPA 8270E*	*8/20/26 14:40*

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00335	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
4,4'-DDE	ND		U	0.00142	0.00177	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
4,4'-DDT	ND		U	0.00282	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Aldrin	ND		U	0.00112	0.00177	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
alpha-BHC	ND		U	0.00486	0.00531	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
alpha-Chlordane	ND		U	0.00213	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
beta-BHC	ND		U	0.00558	0.00796	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
delta-BHC	ND		U	0.00493	0.00531	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Dieldrin	ND		U	0.00260	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Endosulfan I	ND		U	0.00133	0.00177	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Endosulfan II	ND		U	0.00215	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Endosulfan sulfate	ND		U	0.00177	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Endrin	ND		U	0.00267	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
gamma-BHC (Lindane)	ND		U	0.00227	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH
Heptachlor	ND		U	0.00180	0.00354	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:01	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*54.5 %*			*30-150*	*EPA 8081B*	*8/17/26 16:01*
Surrogate: Tetrachloro-m-xylene	*90.7 %*			*30-150*	*EPA 8081B*	*8/17/26 16:01*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1221	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1232	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1242	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1248	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1254	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1260	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1262	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
Aroclor 1268	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF
* Total PCBs	ND		U	0.0177	0.0177	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:37	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*81.0 %*			*30-120*	*EPA 8082A*	*8/16/26 20:37*
Surrogate: Decachlorobiphenyl	*55.0 %*			*30-120*	*EPA 8082A*	*8/16/26 20:37*

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR
Lead	**1.71**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:43	AGNR

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**2840**			4.45	4.45	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Antimony	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Arsenic	**2.12**			1.34	1.34	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Barium	**49.0**			2.22	2.22	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Beryllium	ND		U	0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Cadmium	ND		U	0.267	0.267	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Calcium	**1500**			4.45	4.45	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Chromium	**8.44**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Cobalt	**2.48**			0.356	0.356	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Copper	**19.7**			1.78	1.78	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Iron	**6670**			22.3	22.3	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Lead	**123**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Magnesium	**1160**			4.46	4.46	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Manganese	**76.5**			0.446	0.446	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Nickel	**8.81**			0.887	0.887	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Potassium	**656**			4.46	4.46	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Selenium	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Silver	ND		U	0.449	0.449	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Sodium	**72.1**			44.5	44.5	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Thallium	ND		U	1.07	1.78	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Vanadium	**14.0**			0.887	0.887	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR
Zinc	**57.5**			2.22	2.22	1	mg/kg dry	EPA 6010D	8/14/26 8:22	8/17/26 14:41	AGNR

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-41**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21-CS-36	**Collection Date/Time:**	8/12/26 12:55

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.0935**			0.0102	0.0321	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:18	LCB

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.195	0.534	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.80**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:53	JSJ
* Temperature	**22.1**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:53	JSJ
Cyanide, total	ND		U	0.314	0.534	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.6**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-42**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-36-G1	**Collection Date/Time:**	8/12/26 12:50

Lab ID:	**26H0685-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2,3-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2,4-Trichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2-Dibromo-3-chloropropane	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2-Dibromoethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,3-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
2-Butanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
2-Chlorotoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-42**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-36-G1	**Collection Date/Time:**	8/12/26 12:50

Lab ID:	**26H0685-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
4-Chlorotoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Acetone	ND	CCVE	U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Acrolein	ND	CCVE	U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Acrylonitrile	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Bromobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Bromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Bromodichloromethane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Bromoform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Bromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Carbon disulfide	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Carbon tetrachloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Chlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Chloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Chloroform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Chloromethane	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
cis-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Cyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Dibromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Dibromomethane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0088	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* Ethanol	ND	CCVE	U	0.044	0.088	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-42**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-36-G1	**Collection Date/Time:**	8/12/26 12:50

Lab ID:	**26H0685-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0044	0.0088	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* Iodomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Isopropylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Methyl acetate	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Methylcyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Methylene chloride	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
n-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
n-Propylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
o-Xylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
p- & m- Xylenes	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* p-Diethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
p-Isopropyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
sec-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Styrene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.044	0.088	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0088	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
tert-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Tetrachloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* Tetrahydrofuran	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-42**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-21- CS-36-G1	**Collection Date/Time:**	8/12/26 12:50

Lab ID:	**26H0685-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Trichloroethylene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Vinyl acetate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Vinyl Chloride	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS
Xylenes, Total	ND		U	0.0083	0.017	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 18:32	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/17/26 18:32*
Surrogate: SURR: Toluene-d8	*91.6 %*			*85-120*	*EPA 8260D*	*8/17/26 18:32*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*76-130*	*EPA 8260D*	*8/17/26 18:32*

Lab ID:	**26H0685-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.6**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0383	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0313	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
1,2,4-Trichlorobenzene	ND		U	0.0340	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
1,2-Dichlorobenzene	ND		U	0.0293	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0295	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
1,3-Dichlorobenzene	ND		U	0.0342	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
1,4-Dichlorobenzene	ND		U	0.0282	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0443	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,4,5-Trichlorophenol	ND		U	0.0439	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,4,6-Trichlorophenol	ND		U	0.0284	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,4-Dichlorophenol	ND		U	0.0323	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,4-Dimethylphenol	ND		U	0.0401	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0361	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,4-Dinitrotoluene	ND		U	0.0351	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2,6-Dinitrotoluene	ND		U	0.0385	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2-Chloronaphthalene	ND		U	0.0307	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2-Chlorophenol	ND		U	0.0276	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2-Methylnaphthalene	ND		U	0.0283	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2-Methylphenol	ND		U	0.0294	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2-Nitroaniline	ND		U	0.0261	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
2-Nitrophenol	ND		U	0.0412	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
* 3- & 4-Methylphenols	ND		U	0.0289	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0283	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
3-Nitroaniline	ND		U	0.0351	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0483	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
4-Bromophenyl phenyl ether	ND		U	0.0381	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0306	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
4-Chloroaniline	ND		U	0.0290	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
4-Chlorophenyl phenyl ether	ND		U	0.0384	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
4-Nitroaniline	ND		U	0.0331	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
4-Nitrophenol	ND	CCVE	U	0.0546	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Acenaphthene	**0.0724**	J	J	0.0342	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Acenaphthylene	**0.0340**	J	J	0.0295	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Acetophenone	ND	CCVE	U	0.0283	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Aniline	ND		U	0.0402	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Anthracene	**0.195**			0.0309	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Atrazine	ND		U	0.0330	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzaldehyde	ND	CCVE	U	0.0336	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzidine	ND	CAL-E	U	0.0112	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzo(a)anthracene	**0.604**			0.0302	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzo(a)pyrene	**0.611**			0.0341	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzo(b)fluoranthene	**0.517**			0.0347	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzo(g,h,i)perylene	**0.282**			0.0331	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzo(k)fluoranthene	**0.404**			0.0341	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzoic acid	ND	ICVE, CAL-E, CCVE	U	0.0388	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzyl alcohol	ND		U	0.0287	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Benzyl butyl phthalate	ND		U	0.0403	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Bis(2-chloroethoxy)methane	ND		U	0.0288	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0215	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0410	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0399	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Caprolactam	ND		U	0.0450	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0835**	J	J	0.0308	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Chrysene	**0.513**			0.0297	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Dibenzo(a,h)anthracene	**0.0303**	J	J	0.0277	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Dibenzofuran	**0.0388**	J	J	0.0306	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Diethyl phthalate	ND		U	0.0352	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Dimethyl phthalate	ND		U	0.0316	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Di-n-butyl phthalate	ND		U	0.0389	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0296	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Fluoranthene	**1.33**			0.0297	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Fluorene	**0.0688**	J	J	0.0349	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Hexachlorobenzene	ND	CCVE	U	0.0374	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Hexachlorobutadiene	ND		U	0.0309	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0465	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Hexachloroethane	ND		U	0.0358	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Indeno(1,2,3-cd)pyrene	**0.296**			0.0358	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Isophorone	ND		U	0.0310	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Naphthalene	ND		U	0.0323	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Nitrobenzene	ND	CCVE	U	0.0312	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
N-Nitrosodimethylamine	ND		U	0.0403	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
N-nitroso-di-n-propylamine	ND		U	0.0302	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
N-Nitrosodiphenylamine	ND		U	0.0372	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Pentachlorophenol	ND	CCVE	U	0.0412	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Phenanthrene	**0.788**			0.0297	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Phenol	ND		U	0.0390	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr
Pyrene	**1.01**			0.0291	0.0924	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:12	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*59.5 %*			*20-108*	*EPA 8270E*	*8/20/26 15:12*
Surrogate: SURR: Phenol-d6	*53.2 %*			*23-114*	*EPA 8270E*	*8/20/26 15:12*
Surrogate: SURR: Nitrobenzene-d5	*59.2 %*			*22-108*	*EPA 8270E*	*8/20/26 15:12*
Surrogate: SURR: 2-Fluorobiphenyl	*59.4 %*			*21-113*	*EPA 8270E*	*8/20/26 15:12*
Surrogate: SURR: 2,4,6-Tribromophenol	*68.4 %*			*19-110*	*EPA 8270E*	*8/20/26 15:12*
Surrogate: SURR: Terphenyl-d14	*56.2 %*			*24-116*	*EPA 8270E*	*8/20/26 15:12*

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00525**	P	DP	0.00350	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
4,4'-DDE [2C]	ND		U	0.00149	0.00185	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
4,4'-DDT	ND		U	0.00294	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Aldrin	ND		U	0.00117	0.00185	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
alpha-BHC	ND		U	0.00508	0.00554	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
alpha-Chlordane [2C]	ND		U	0.00222	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
beta-BHC	ND		U	0.00583	0.00832	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
delta-BHC	ND		U	0.00515	0.00554	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Dieldrin	ND		U	0.00271	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Endosulfan I	ND		U	0.00139	0.00185	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Endosulfan II	ND		U	0.00224	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Endosulfan sulfate	ND		U	0.00185	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Endrin	ND		U	0.00279	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
gamma-BHC (Lindane)	ND		U	0.00237	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ
Heptachlor	ND		U	0.00188	0.00370	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/16/26 18:52	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*43.7 %*			*30-150*	*EPA 8081B*	*8/16/26 18:52*
Surrogate: Tetrachloro-m-xylene	*70.5 %*			*30-150*	*EPA 8081B*	*8/16/26 18:52*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1221	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1232	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1242	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1248	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1254	**0.0248**			0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1260	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1262	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
Aroclor 1268	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF
* Total PCBs	**0.0248**			0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 20:51	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*66.0 %*			*30-120*	*EPA 8082A*	*8/16/26 20:51*
Surrogate: Decachlorobiphenyl	*42.5 %*			*30-120*	*EPA 8082A*	*8/16/26 20:51*

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR
Barium	**0.822**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR
Lead	**0.245**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:50	AGNR

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6920**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Arsenic	**4.55**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Barium	**82.3**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Beryllium	**3.01**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Cadmium	**0.639**			0.270	0.270	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Calcium	**8350**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Chromium	**17.3**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Cobalt	**7.89**			0.360	0.360	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Copper	**31.9**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Iron	**13100**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Lead	**117**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Magnesium	**3060**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Manganese	**392**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Nickel	**44.4**			0.897	0.897	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Potassium	**1110**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Silver	ND		U	0.454	0.454	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Sodium	**121**			45.0	45.0	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Thallium	ND		U	1.08	1.80	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Vanadium	**24.3**			0.897	0.897	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR
Zinc	**128**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:47	AGNR

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-43**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-37	**Collection Date/Time:**	8/12/26 13:15

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.40**			0.0106	0.0335	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:18	LCB

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.204	0.558	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**8.00**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:54	JSJ
* Temperature	**22.4**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:54	JSJ
Cyanide, total	ND		U	0.328	0.558	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.6**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-44**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-37-G8	**Collection Date/Time:**	8/12/26 13:10

Lab ID:	**26H0685-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1,1-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1,2-Trichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,1-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2,3-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2,3-Trichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2,4-Trichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2,4-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2-Dibromo-3-chloropropane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2-Dibromoethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2-Dichloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,3,5-Trimethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,3-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,3-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
1,4-Dichlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
2,2-Dichloropropane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
2-Butanone	**0.013**			0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.012	0.025	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
2-Chlorotoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-44**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-37-G8	**Collection Date/Time:**	8/12/26 13:10

Lab ID:	**26H0685-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
4-Chlorotoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
4-Methyl-2-pentanone	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Acetone	**0.061**	CCVE		0.0062	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Acrolein	ND	CCVE	U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Acrylonitrile	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Bromobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Bromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Bromodichloromethane	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Bromoform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Bromomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Carbon disulfide	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Carbon tetrachloride	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Chlorobenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Chloroethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Chloroform	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Chloromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
cis-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
cis-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Cyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Dibromochloromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Dibromomethane	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0049	0.0099	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* Ethanol	ND	CCVE	U	0.049	0.099	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-44**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-37-G8	**Collection Date/Time:**	8/12/26 13:10

Lab ID:	**26H0685-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0049	0.0099	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* Iodomethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Isopropylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Methyl acetate	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Methylcyclohexane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Methylene chloride	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0031	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
n-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
n-Propylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
o-Xylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
p- & m- Xylenes	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* p-Diethylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* p-Ethyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
p-Isopropyltoluene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
sec-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Styrene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.049	0.099	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0049	0.0099	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.031	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
tert-Butylbenzene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Tetrachloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* Tetrahydrofuran	ND		U	0.0062	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-44**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-37-G8	**Collection Date/Time:**	8/12/26 13:10

Lab ID:	**26H0685-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
trans-1,2-Dichloroethylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
trans-1,3-Dichloropropylene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Trichloroethylene	ND	QL-02	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Trichlorofluoromethane	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Vinyl acetate	ND		U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Vinyl Chloride	ND	CCVE	U	0.0031	0.0062	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS
Xylenes, Total	ND		U	0.0093	0.019	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:01	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/17/26 19:01*
Surrogate: SURR: Toluene-d8	*91.2 %*			*85-120*	*EPA 8260D*	*8/17/26 19:01*
Surrogate: SURR: p-Bromofluorobenzene	*110 %*			*76-130*	*EPA 8260D*	*8/17/26 19:01*

Lab ID:	**26H0685-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**81.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0395	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0323	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
1,2,4-Trichlorobenzene	ND		U	0.0351	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
1,2-Dichlorobenzene	ND		U	0.0302	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0304	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
1,3-Dichlorobenzene	ND		U	0.0353	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
1,4-Dichlorobenzene	ND		U	0.0291	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0457	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,4,5-Trichlorophenol	ND		U	0.0453	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,4,6-Trichlorophenol	ND		U	0.0293	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,4-Dichlorophenol	ND		U	0.0333	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,4-Dimethylphenol	ND		U	0.0414	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0372	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,4-Dinitrotoluene	ND		U	0.0362	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2,6-Dinitrotoluene	ND		U	0.0397	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2-Chloronaphthalene	ND		U	0.0317	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2-Chlorophenol	ND		U	0.0285	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2-Methylnaphthalene	ND		U	0.0292	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2-Methylphenol	ND		U	0.0304	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2-Nitroaniline	ND		U	0.0270	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
2-Nitrophenol	ND		U	0.0425	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
* 3- & 4-Methylphenols	ND		U	0.0298	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0293	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
3-Nitroaniline	ND		U	0.0362	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0499	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
4-Bromophenyl phenyl ether	ND		U	0.0394	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0316	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
4-Chloroaniline	ND		U	0.0300	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
4-Chlorophenyl phenyl ether	ND		U	0.0397	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
4-Nitroaniline	ND		U	0.0342	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
4-Nitrophenol	ND	CCVE	U	0.0563	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Acenaphthene	**0.0420**	J	J	0.0353	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Acenaphthylene	ND		U	0.0305	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Acetophenone	ND	CCVE	U	0.0292	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Aniline	ND		U	0.0415	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Anthracene	**0.0950**	J	J	0.0319	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Atrazine	ND		U	0.0341	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzaldehyde	ND	CCVE	U	0.0347	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzidine	ND	CAL-E	U	0.0115	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzo(a)anthracene	**0.379**			0.0312	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzo(a)pyrene	**0.389**			0.0352	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzo(b)fluoranthene	**0.337**			0.0359	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzo(g,h,i)perylene	**0.205**			0.0341	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzo(k)fluoranthene	**0.267**			0.0353	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzoic acid	ND	CCVE, CAL-E, ICVE	U	0.0401	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzyl alcohol	ND		U	0.0296	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Benzyl butyl phthalate	ND		U	0.0416	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Bis(2-chloroethoxy)methane	ND		U	0.0297	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0222	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0423	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0412	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Caprolactam	ND		U	0.0465	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.0424**	J	J	0.0318	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Chrysene	**0.352**			0.0307	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Dibenzo(a,h)anthracene	ND		U	0.0286	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Dibenzofuran	ND		U	0.0316	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Diethyl phthalate	ND		U	0.0363	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Dimethyl phthalate	ND		U	0.0326	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Di-n-butyl phthalate	ND		U	0.0402	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0305	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Fluoranthene	**0.790**			0.0307	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Fluorene	**0.0378**	J	J	0.0361	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Hexachlorobenzene	ND	CCVE	U	0.0387	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Hexachlorobutadiene	ND		U	0.0319	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0480	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Hexachloroethane	ND		U	0.0370	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Indeno(1,2,3-cd)pyrene	**0.202**			0.0370	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Isophorone	ND		U	0.0320	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Naphthalene	ND		U	0.0333	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Nitrobenzene	ND	CCVE	U	0.0322	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
N-Nitrosodimethylamine	ND		U	0.0416	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
N-nitroso-di-n-propylamine	ND		U	0.0311	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
N-Nitrosodiphenylamine	ND		U	0.0384	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Pentachlorophenol	ND	CCVE	U	0.0425	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Phenanthrene	**0.410**			0.0307	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Phenol	ND		U	0.0403	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr
Pyrene	**0.673**			0.0301	0.0954	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 15:43	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*63.9 %*			*20-108*	*EPA 8270E*	*8/20/26 15:43*
Surrogate: SURR: Phenol-d6	*61.7 %*			*23-114*	*EPA 8270E*	*8/20/26 15:43*
Surrogate: SURR: Nitrobenzene-d5	*65.3 %*			*22-108*	*EPA 8270E*	*8/20/26 15:43*
Surrogate: SURR: 2-Fluorobiphenyl	*59.7 %*			*21-113*	*EPA 8270E*	*8/20/26 15:43*
Surrogate: SURR: 2,4,6-Tribromophenol	*66.2 %*			*19-110*	*EPA 8270E*	*8/20/26 15:43*
Surrogate: SURR: Terphenyl-d14	*58.5 %*			*24-116*	*EPA 8270E*	*8/20/26 15:43*

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0121**		D	0.00361	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
4,4'-DDE	**0.00498**	P	DP	0.00154	0.00191	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
4,4'-DDT	ND		U	0.00304	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Aldrin	ND		U	0.00121	0.00191	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
alpha-BHC	ND		U	0.00525	0.00572	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
alpha-Chlordane	**0.00755**		D	0.00230	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
beta-BHC	ND		U	0.00602	0.00859	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
delta-BHC	ND		U	0.00532	0.00572	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Dieldrin	ND		U	0.00280	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Endosulfan I	ND		U	0.00143	0.00191	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Endosulfan II	ND		U	0.00232	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Endosulfan sulfate	ND		U	0.00191	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Endrin	ND		U	0.00288	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
gamma-BHC (Lindane)	ND		U	0.00245	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH
Heptachlor	ND		U	0.00195	0.00382	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:18	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*39.1 %*			*30-150*	*EPA 8081B*	*8/17/26 16:18*
Surrogate: Tetrachloro-m-xylene	*58.0 %*			*30-150*	*EPA 8081B*	*8/17/26 16:18*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1221	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1232	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1242	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1248	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1254	**0.0367**			0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1260	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1262	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
Aroclor 1268	ND		U	0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF
* Total PCBs	**0.0367**			0.0191	0.0191	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:05	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*49.0 %*			*30-120*	*EPA 8082A*	*8/16/26 21:05*
Surrogate: Decachlorobiphenyl	*40.5 %*			*30-120*	*EPA 8082A*	*8/16/26 21:05*

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR
Barium	**1.14**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR
Lead	**0.442**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:51	AGNR

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6330**			4.65	4.65	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Antimony	ND		U	2.32	2.32	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Arsenic	**5.78**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Barium	**189**			2.32	2.32	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Beryllium	**0.245**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Cadmium	**0.799**			0.279	0.279	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Calcium	**11500**			4.65	4.65	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Chromium	**19.8**			0.465	0.465	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Cobalt	**5.92**			0.371	0.371	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Copper	**63.9**			1.86	1.86	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Iron	**13500**			23.2	23.2	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Lead	**264**			0.465	0.465	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Magnesium	**3670**			4.65	4.65	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Manganese	**199**			0.465	0.465	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Nickel	**34.1**			0.926	0.926	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Potassium	**886**			4.65	4.65	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Selenium	ND		U	2.32	2.32	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Silver	**0.521**			0.468	0.468	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Sodium	**137**			46.5	46.5	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Thallium	ND		U	1.12	1.86	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Vanadium	**24.3**			0.926	0.926	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR
Zinc	**238**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:49	AGNR

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-45**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26-CS-38	**Collection Date/Time:**	8/12/26 13:25

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.12**			0.0109	0.0346	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:18	LCB

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.210	0.576	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.87**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 13:58	JSJ
* Temperature	**22.4**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 13:58	JSJ
Cyanide, total	ND		U	0.339	0.576	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.8**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-46**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-38-G7	**Collection Date/Time:**	8/12/26 13:20

Lab ID:	**26H0685-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1,1-Trichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1,2-Trichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1-Dichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1-Dichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,1-Dichloropropylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2,3-Trichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2,3-Trichloropropane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2,4-Trichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2,4-Trimethylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2-Dibromo-3-chloropropane	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2-Dibromoethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2-Dichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2-Dichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,3,5-Trimethylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,3-Dichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,3-Dichloropropane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
1,4-Dichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
2,2-Dichloropropane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
2-Butanone	**0.0079**			0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
2-Chlorotoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-46**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-38-G7	**Collection Date/Time:**	8/12/26 13:20

Lab ID:	**26H0685-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
4-Chlorotoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
4-Methyl-2-pentanone	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Acetone	**0.060**	CCVE		0.0060	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Acrolein	ND	CCVE	U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Acrylonitrile	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Benzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Bromobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Bromochloromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Bromodichloromethane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Bromoform	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Bromomethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Carbon disulfide	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Carbon tetrachloride	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Chlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Chloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Chloroform	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Chloromethane	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
cis-1,2-Dichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
cis-1,3-Dichloropropylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Cyclohexane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Dibromochloromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Dibromomethane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* Ethanol	ND	CCVE	U	0.048	0.096	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-46**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-38-G7	**Collection Date/Time:**	8/12/26 13:20

Lab ID:	**26H0685-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* Iodomethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Isopropylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Methyl acetate	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Methylcyclohexane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Methylene chloride	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Naphthalene	ND	CCVE, QL-02	U	0.0030	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
n-Butylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
n-Propylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
o-Xylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
p- & m- Xylenes	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* p-Diethylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* p-Ethyltoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
p-Isopropyltoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
sec-Butylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Styrene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.048	0.096	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.030	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
tert-Butylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Tetrachloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* Tetrahydrofuran	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-46**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-26- CS-38-G7	**Collection Date/Time:**	8/12/26 13:20

Lab ID:	**26H0685-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
trans-1,2-Dichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
trans-1,3-Dichloropropylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Trichloroethylene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Trichlorofluoromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Vinyl acetate	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Vinyl Chloride	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS
Xylenes, Total	ND		U	0.0090	0.018	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:30	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*115 %*			*77-125*	*EPA 8260D*	*8/17/26 19:30*
Surrogate: SURR: Toluene-d8	*90.5 %*			*85-120*	*EPA 8260D*	*8/17/26 19:30*
Surrogate: SURR: p-Bromofluorobenzene	*108 %*			*76-130*	*EPA 8260D*	*8/17/26 19:30*

Lab ID:	**26H0685-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.6**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0381	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0311	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
1,2,4-Trichlorobenzene	ND		U	0.0338	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
1,2-Dichlorobenzene	ND		U	0.0291	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0293	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
1,3-Dichlorobenzene	ND		U	0.0340	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
1,4-Dichlorobenzene	ND		U	0.0280	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0440	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,4,5-Trichlorophenol	ND		U	0.0436	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,4,6-Trichlorophenol	ND		U	0.0282	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,4-Dichlorophenol	ND		U	0.0321	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,4-Dimethylphenol	ND		U	0.0399	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0358	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,4-Dinitrotoluene	ND		U	0.0349	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2,6-Dinitrotoluene	ND		U	0.0382	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2-Chloronaphthalene	ND		U	0.0305	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2-Chlorophenol	ND		U	0.0274	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2-Methylnaphthalene	ND		U	0.0281	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2-Methylphenol	ND		U	0.0292	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2-Nitroaniline	ND		U	0.0259	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
2-Nitrophenol	ND		U	0.0410	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
* 3- & 4-Methylphenols	ND		U	0.0287	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0282	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
3-Nitroaniline	ND		U	0.0349	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0480	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
4-Bromophenyl phenyl ether	ND		U	0.0379	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0304	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
4-Chloroaniline	ND		U	0.0289	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
4-Chlorophenyl phenyl ether	ND		U	0.0382	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
4-Nitroaniline	ND		U	0.0329	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
4-Nitrophenol	ND	CCVE	U	0.0542	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Acenaphthene	**0.101**			0.0340	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Acenaphthylene	**0.0511**	J	J	0.0294	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Acetophenone	ND	CCVE	U	0.0281	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Aniline	ND		U	0.0399	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Anthracene	**0.246**			0.0307	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Atrazine	ND		U	0.0328	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzaldehyde	ND	CCVE	U	0.0334	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzidine	ND	CAL-E	U	0.0111	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzo(a)anthracene	**0.883**			0.0300	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzo(a)pyrene	**0.946**			0.0339	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzo(b)fluoranthene	**0.820**			0.0345	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzo(g,h,i)perylene	**0.434**			0.0329	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzo(k)fluoranthene	**0.580**			0.0339	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0386	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzyl alcohol	ND		U	0.0285	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Benzyl butyl phthalate	ND		U	0.0401	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Bis(2-chloroethoxy)methane	ND		U	0.0286	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0213	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0407	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0397	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Caprolactam	ND		U	0.0448	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.112**			0.0306	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Chrysene	**0.763**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Dibenzo(a,h)anthracene	**0.0481**	J	J	0.0275	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Dibenzofuran	**0.0525**	J	J	0.0304	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Diethyl phthalate	ND		U	0.0350	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Dimethyl phthalate	ND		U	0.0314	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Di-n-butyl phthalate	ND		U	0.0386	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0294	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Fluoranthene	**1.96**		D	0.0591	0.184	2	mg/kg dry	EPA 8270E	8/15/26 7:04	8/24/26 14:48	DD
Fluorene	**0.0753**	J	J	0.0347	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Hexachlorobenzene	ND	CCVE	U	0.0372	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Hexachlorobutadiene	ND		U	0.0307	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0462	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Hexachloroethane	ND		U	0.0356	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Indeno(1,2,3-cd)pyrene	**0.467**			0.0356	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Isophorone	ND		U	0.0308	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Naphthalene	**0.0478**	J	J	0.0321	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Nitrobenzene	ND	CCVE	U	0.0310	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
N-Nitrosodimethylamine	ND		U	0.0400	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
N-nitroso-di-n-propylamine	ND		U	0.0300	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
N-Nitrosodiphenylamine	ND		U	0.0370	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Pentachlorophenol	ND	CCVE	U	0.0409	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Phenanthrene	**0.900**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Phenol	ND		U	0.0388	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr
Pyrene	**1.44**			0.0289	0.0918	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:15	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*64.5 %*			*20-108*	*EPA 8270E*	*8/20/26 16:15*
Surrogate: SURR: Phenol-d6	*61.3 %*			*23-114*	*EPA 8270E*	*8/20/26 16:15*
Surrogate: SURR: Nitrobenzene-d5	*65.3 %*			*22-108*	*EPA 8270E*	*8/20/26 16:15*
Surrogate: SURR: 2-Fluorobiphenyl	*63.1 %*			*21-113*	*EPA 8270E*	*8/20/26 16:15*
Surrogate: SURR: 2,4,6-Tribromophenol	*64.9 %*			*19-110*	*EPA 8270E*	*8/20/26 16:15*
Surrogate: SURR: Terphenyl-d14	*59.1 %*			*24-116*	*EPA 8270E*	*8/20/26 16:15*

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0185**		D	0.00348	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
4,4'-DDE	**0.00640**		D	0.00148	0.00184	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
4,4'-DDT	**0.00453**	P	DP	0.00293	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Aldrin	ND		U	0.00116	0.00184	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
alpha-BHC	ND		U	0.00505	0.00551	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
alpha-Chlordane	**0.0105**		D	0.00221	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
beta-BHC	ND		U	0.00579	0.00826	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
delta-BHC	ND		U	0.00512	0.00551	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Dieldrin	ND		U	0.00269	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Endosulfan I	ND		U	0.00138	0.00184	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Endosulfan II	ND		U	0.00223	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Endosulfan sulfate	ND		U	0.00184	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Endrin	ND		U	0.00277	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
gamma-BHC (Lindane)	ND		U	0.00236	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH
Heptachlor	ND		U	0.00187	0.00367	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:35	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*41.4 %*			*30-150*	*EPA 8081B*	*8/17/26 16:35*
Surrogate: Tetrachloro-m-xylene	*65.1 %*			*30-150*	*EPA 8081B*	*8/17/26 16:35*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1242	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1254	**0.0391**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF
* Total PCBs	**0.0391**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:18	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*61.5 %*			*30-120*	*EPA 8082A*	*8/16/26 21:18*
Surrogate: Decachlorobiphenyl	*44.5 %*			*30-120*	*EPA 8082A*	*8/16/26 21:18*

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR
Lead	**0.535**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:53	AGNR

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7540**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Arsenic	**4.69**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Barium	**118**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Beryllium	**0.212**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Cadmium	**0.425**			0.277	0.277	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Calcium	**12300**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Chromium	**18.0**			0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Cobalt	**6.90**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Copper	**35.5**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Iron	**12900**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Lead	**180**			0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Magnesium	**3500**			4.63	4.63	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Manganese	**415**			0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Nickel	**35.5**			0.921	0.921	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Potassium	**1190**			4.63	4.63	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Silver	ND		U	0.466	0.466	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Sodium	**133**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Vanadium	**36.7**			0.921	0.921	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR
Zinc	**136**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 11:50	AGNR

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-47**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-39	**Collection Date/Time:**	8/12/26 13:35

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**2.70**			0.0105	0.0333	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/17/26 17:18	LCB

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.202	0.555	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.98**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 14:01	JSJ
* Temperature	**22.3**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 14:01	JSJ
Cyanide, total	ND		U	0.326	0.555	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-48**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-39-G6	**Collection Date/Time:**	8/12/26 13:30

Lab ID:	**26H0685-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,1-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2-Dibromo-3-chloropropane	ND	CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,3-Dichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
2,2-Dichloropropane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
2-Butanone	**0.0079**			0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.010	0.021	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
2-Chlorotoluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-48**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-39-G6	**Collection Date/Time:**	8/12/26 13:30

Lab ID:	**26H0685-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
4-Chlorotoluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
4-Methyl-2-pentanone	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Acetone	**0.050**	CCVE		0.0052	0.010	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Acrolein	ND	CCVE	U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Acrylonitrile	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Benzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Bromobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Bromochloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Bromodichloromethane	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Bromoform	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Bromomethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Carbon disulfide	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Carbon tetrachloride	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Chlorobenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Chloroethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Chloroform	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Chloromethane	ND	CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Cyclohexane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Dibromochloromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Dibromomethane	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0041	0.0083	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* Ethanol	ND	CCVE	U	0.041	0.083	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-48**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-39-G6	**Collection Date/Time:**	8/12/26 13:30

Lab ID:	**26H0685-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0041	0.0083	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* Iodomethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Isopropylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Methyl acetate	ND	CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Methylcyclohexane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Methylene chloride	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0026	0.010	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
n-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
n-Propylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
o-Xylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
p- & m- Xylenes	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* p-Diethylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* p-Ethyltoluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
sec-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Styrene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.041	0.083	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0041	0.0083	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
tert-Butylbenzene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Tetrachloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* Tetrahydrofuran	ND		U	0.0052	0.010	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-48**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-39-G6	**Collection Date/Time:**	8/12/26 13:30

Lab ID:	**26H0685-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Trichloroethylene	ND	QL-02	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Vinyl acetate	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Vinyl Chloride	ND	CCVE	U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS
Xylenes, Total	ND		U	0.0078	0.016	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 19:59	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/17/26 19:59*
Surrogate: SURR: Toluene-d8	*88.9 %*			*85-120*	*EPA 8260D*	*8/17/26 19:59*
Surrogate: SURR: p-Bromofluorobenzene	*110 %*			*76-130*	*EPA 8260D*	*8/17/26 19:59*

Lab ID:	**26H0685-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.2**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:52	8/14/26 13:00	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0377	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0308	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
1,2,4-Trichlorobenzene	ND		U	0.0335	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
1,2-Dichlorobenzene	ND		U	0.0288	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0290	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
1,3-Dichlorobenzene	ND		U	0.0337	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
1,4-Dichlorobenzene	ND		U	0.0277	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0436	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,4,5-Trichlorophenol	ND		U	0.0432	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,4,6-Trichlorophenol	ND		U	0.0279	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,4-Dichlorophenol	ND		U	0.0318	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,4-Dimethylphenol	ND		U	0.0395	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0355	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,4-Dinitrotoluene	ND		U	0.0345	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2,6-Dinitrotoluene	ND		U	0.0379	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2-Chloronaphthalene	ND		U	0.0303	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2-Chlorophenol	ND		U	0.0271	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2-Methylnaphthalene	**0.0451**	J	J	0.0279	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2-Methylphenol	ND		U	0.0290	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2-Nitroaniline	ND		U	0.0257	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
2-Nitrophenol	ND		U	0.0406	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
* 3- & 4-Methylphenols	ND		U	0.0285	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0279	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
3-Nitroaniline	ND		U	0.0345	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0475	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
4-Bromophenyl phenyl ether	ND		U	0.0376	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0301	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
4-Chloroaniline	ND		U	0.0286	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
4-Chlorophenyl phenyl ether	ND		U	0.0378	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
4-Nitroaniline	ND		U	0.0326	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
4-Nitrophenol	ND	CCVE	U	0.0537	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Acenaphthene	**0.257**			0.0337	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Acenaphthylene	**0.110**			0.0291	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Acetophenone	ND	CCVE	U	0.0279	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Aniline	ND		U	0.0396	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Anthracene	**0.761**			0.0304	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Atrazine	ND		U	0.0325	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzaldehyde	ND	CCVE	U	0.0331	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzidine	ND	CAL-E	U	0.0110	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzo(a)anthracene	**2.02**		D	0.149	0.455	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:01	DD
Benzo(a)pyrene	**2.06**		D	0.168	0.455	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:01	DD
Benzo(b)fluoranthene	**1.77**		E	0.0342	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzo(g,h,i)perylene	**0.632**			0.0326	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzo(k)fluoranthene	**0.910**			0.0336	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzoic acid	ND	CAL-E, ICVE, CCVE	U	0.0383	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzyl alcohol	ND		U	0.0282	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Benzyl butyl phthalate	**11.9**		D	0.397	0.910	10	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 15:30	DD
Bis(2-chloroethoxy)methane	ND		U	0.0284	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0212	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0404	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Bis(2-ethylhexyl)phthalate	**0.843**			0.0393	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Caprolactam	ND		U	0.0444	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.130**			0.0303	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Chrysene	**1.71**		E	0.0292	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Dibenzo(a,h)anthracene	**0.0724**	J	J	0.0273	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Dibenzofuran	**0.126**			0.0301	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Diethyl phthalate	ND		U	0.0347	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Dimethyl phthalate	ND		U	0.0311	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Di-n-butyl phthalate	**0.0513**	J	J	0.0383	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Di-n-octyl phthalate	**0.487**	CAL-E		0.0291	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Fluoranthene	**4.64**		D	0.146	0.455	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:01	DD
Fluorene	**0.224**			0.0344	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Hexachlorobenzene	ND	CCVE	U	0.0369	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Hexachlorobutadiene	ND		U	0.0305	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0458	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Hexachloroethane	ND		U	0.0353	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Indeno(1,2,3-cd)pyrene	**0.672**			0.0353	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Isophorone	ND		U	0.0305	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Naphthalene	**0.0342**	J	J	0.0318	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Nitrobenzene	ND	CCVE	U	0.0307	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
N-Nitrosodimethylamine	ND		U	0.0397	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
N-nitroso-di-n-propylamine	ND		U	0.0297	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
N-Nitrosodiphenylamine	ND		U	0.0367	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Pentachlorophenol	ND	CCVE	U	0.0405	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Phenanthrene	**2.66**		D	0.146	0.455	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:01	DD
Phenol	ND		U	0.0384	0.0910	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 16:47	sr
Pyrene	**3.93**		D	0.143	0.455	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 16:01	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*53.1 %*			*20-108*	*EPA 8270E*	*8/20/26 16:47*
Surrogate: SURR: Phenol-d6	*48.0 %*			*23-114*	*EPA 8270E*	*8/20/26 16:47*
Surrogate: SURR: Nitrobenzene-d5	*56.4 %*			*22-108*	*EPA 8270E*	*8/20/26 16:47*
Surrogate: SURR: 2-Fluorobiphenyl	*55.0 %*			*21-113*	*EPA 8270E*	*8/20/26 16:47*
Surrogate: SURR: 2,4,6-Tribromophenol	*61.4 %*			*19-110*	*EPA 8270E*	*8/20/26 16:47*
Surrogate: SURR: Terphenyl-d14	*50.6 %*			*24-116*	*EPA 8270E*	*8/20/26 16:47*

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00456**		D	0.00346	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
4,4'-DDE	**0.00231**		D	0.00147	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
4,4'-DDT	ND		U	0.00291	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Aldrin	ND		U	0.00115	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
alpha-BHC	ND		U	0.00502	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
alpha-Chlordane	ND		U	0.00220	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
beta-BHC	ND		U	0.00576	0.00822	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
delta-BHC	ND		U	0.00509	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Dieldrin	ND		U	0.00268	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Endosulfan II	ND		U	0.00222	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Endosulfan sulfate	ND		U	0.00183	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Endrin	ND		U	0.00276	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
gamma-BHC (Lindane)	ND		U	0.00234	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ
Heptachlor	ND		U	0.00186	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 9:17	8/19/26 11:05	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*17.8 %*	S-08, S-09		*30-150*	*EPA 8081B*	*8/19/26 11:05*
Surrogate: Tetrachloro-m-xylene	*29.4 %*	S-08, S-09		*30-150*	*EPA 8081B*	*8/19/26 11:05*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1242	**0.141**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1254	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1260	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF
* Total PCBs	**0.141**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 9:16	8/19/26 11:03	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*19.0 %*	S-08, S-09		*30-120*	*EPA 8082A*	*8/19/26 11:03*
Surrogate: Decachlorobiphenyl	*14.0 %*	S-09, S-08		*30-120*	*EPA 8082A*	*8/19/26 11:03*

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR
Barium	**0.975**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR
Lead	**0.590**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 16:54	AGNR

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4270**			4.58	4.58	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Antimony	ND		U	2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Arsenic	**3.12**			1.37	1.37	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Barium	**93.2**			2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Beryllium	**0.130**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Cadmium	**0.330**			0.275	0.275	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Calcium	**18500**			4.58	4.58	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Chromium	**11.1**			0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Cobalt	**3.68**			0.366	0.366	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Copper	**32.2**			1.83	1.83	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Iron	**8770**			22.9	22.9	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Lead	**142**			0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Magnesium	**9500**			4.58	4.58	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Manganese	**137**			0.458	0.458	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Nickel	**17.7**			0.912	0.912	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Potassium	**593**			4.58	4.58	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Selenium	ND		U	2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Silver	ND		U	0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Sodium	**108**			45.8	45.8	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Thallium	ND		U	1.10	1.84	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Vanadium	**15.6**			0.912	0.912	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR
Zinc	**112**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:08	AGNR

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-49**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25-CS-40	**Collection Date/Time:**	8/12/26 13:45

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.618**			0.0104	0.0330	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/18/26 09:37	LCB

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.201	0.550	1	mg/kg dry	EPA 7196A	8/18/26 15:35	8/18/26 19:00	sml
pH	**7.93**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 14:16	JSJ
* Temperature	**21.9**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 14:16	JSJ
Cyanide, total	ND		U	0.323	0.550	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/18/26 14:53	8/18/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/18/26 14:52	8/18/26 21:30	JS

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.0**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:54	8/14/26 13:35	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-49**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-50**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-40-G2	**Collection Date/Time:**	8/12/26 13:40

Lab ID:	**26H0685-50**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1,1-Trichloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1,2-Trichloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1-Dichloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1-Dichloroethylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,1-Dichloropropylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2,3-Trichlorobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2,3-Trichloropropane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2,4-Trichlorobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2,4-Trimethylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2-Dibromo-3-chloropropane	ND	CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2-Dibromoethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2-Dichlorobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2-Dichloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,3,5-Trimethylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,3-Dichlorobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,3-Dichloropropane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
1,4-Dichlorobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
2,2-Dichloropropane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
2-Butanone	**0.0082**			0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.014	0.027	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
2-Chlorotoluene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-50**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-40-G2	**Collection Date/Time:**	8/12/26 13:40

Lab ID:	**26H0685-50**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
4-Chlorotoluene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
4-Methyl-2-pentanone	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Acetone	**0.061**	CCVE		0.0069	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Acrolein	ND	CCVE	U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Acrylonitrile	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Benzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Bromobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Bromochloromethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Bromodichloromethane	ND	QL-02	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Bromoform	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Bromomethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Carbon disulfide	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Carbon tetrachloride	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Chlorobenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Chloroethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Chloroform	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Chloromethane	ND	CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
cis-1,2-Dichloroethylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
cis-1,3-Dichloropropylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Cyclohexane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Dibromochloromethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Dibromomethane	ND	QL-02	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* Ethanol	ND	CCVE	U	0.055	0.11	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-50**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-40-G2	**Collection Date/Time:**	8/12/26 13:40

Lab ID:	**26H0685-50**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* Iodomethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Isopropylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Methyl acetate	ND	CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Methylcyclohexane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Methylene chloride	ND		U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0034	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
n-Butylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
n-Propylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
o-Xylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
p- & m- Xylenes	ND		U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* p-Diethylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* p-Ethyltoluene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
p-Isopropyltoluene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
sec-Butylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Styrene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.055	0.11	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.034	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
tert-Butylbenzene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Tetrachloroethylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* Tetrahydrofuran	ND		U	0.0069	0.014	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-50**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-25- CS-40-G2	**Collection Date/Time:**	8/12/26 13:40

Lab ID:	**26H0685-50**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
trans-1,2-Dichloroethylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
trans-1,3-Dichloropropylene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Trichloroethylene	ND	QL-02	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Trichlorofluoromethane	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Vinyl acetate	ND		U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Vinyl Chloride	ND	CCVE	U	0.0034	0.0069	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS
Xylenes, Total	ND		U	0.010	0.021	1	mg/kg dry	EPA 8260D	8/17/26 9:50	8/17/26 20:28	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/17/26 20:28*
Surrogate: SURR: Toluene-d8	*90.0 %*			*85-120*	*EPA 8260D*	*8/17/26 20:28*
Surrogate: SURR: p-Bromofluorobenzene	*109 %*			*76-130*	*EPA 8260D*	*8/17/26 20:28*

Lab ID:	**26H0685-50**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:54	8/14/26 13:35	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0399	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0326	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
1,2,4-Trichlorobenzene	ND		U	0.0354	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
1,2-Dichlorobenzene	ND		U	0.0305	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0307	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
1,3-Dichlorobenzene	ND		U	0.0356	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
1,4-Dichlorobenzene	ND		U	0.0293	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0461	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,4,5-Trichlorophenol	ND		U	0.0457	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,4,6-Trichlorophenol	ND		U	0.0295	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,4-Dichlorophenol	ND		U	0.0336	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,4-Dimethylphenol	ND		U	0.0418	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0375	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,4-Dinitrotoluene	ND		U	0.0365	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2,6-Dinitrotoluene	ND		U	0.0400	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2-Chloronaphthalene	ND		U	0.0320	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2-Chlorophenol	ND		U	0.0287	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2-Methylnaphthalene	ND		U	0.0295	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2-Methylphenol	ND		U	0.0306	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2-Nitroaniline	ND		U	0.0272	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
2-Nitrophenol	ND		U	0.0429	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
* 3- & 4-Methylphenols	ND		U	0.0301	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0295	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
3-Nitroaniline	ND		U	0.0365	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0503	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
4-Bromophenyl phenyl ether	ND		U	0.0397	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0319	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
4-Chloroaniline	ND		U	0.0302	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
4-Chlorophenyl phenyl ether	ND		U	0.0400	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
4-Nitroaniline	ND		U	0.0345	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
4-Nitrophenol	ND	CCVE	U	0.0568	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Acenaphthene	**0.261**			0.0356	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Acenaphthylene	**0.0600**	J	J	0.0308	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Acetophenone	ND	CCVE	U	0.0295	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Aniline	ND		U	0.0418	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Anthracene	**0.455**			0.0321	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Atrazine	ND		U	0.0344	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzaldehyde	ND	CCVE	U	0.0350	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzidine	ND	CAL-E	U	0.0116	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzo(a)anthracene	**1.54**			0.0314	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzo(a)pyrene	**1.63**		E	0.0355	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzo(b)fluoranthene	**1.52**			0.0362	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzo(g,h,i)perylene	**0.736**			0.0344	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzo(k)fluoranthene	**1.04**			0.0356	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzoic acid	ND	CAL-E, ICVE, CCVE	U	0.0404	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzyl alcohol	ND		U	0.0298	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Benzyl butyl phthalate	ND		U	0.0420	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Bis(2-chloroethoxy)methane	ND		U	0.0300	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0224	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0427	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0416	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Caprolactam	ND		U	0.0469	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.147**			0.0320	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Chrysene	**1.39**			0.0309	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Dibenzo(a,h)anthracene	**0.0797**	J	J	0.0289	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Dibenzofuran	**0.106**			0.0318	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Diethyl phthalate	ND		U	0.0367	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Dimethyl phthalate	ND		U	0.0329	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Di-n-butyl phthalate	ND		U	0.0405	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0308	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Fluoranthene	**3.50**		D	0.155	0.481	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 14:58	DD
Fluorene	**0.153**			0.0364	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Hexachlorobenzene	ND	CCVE	U	0.0390	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Hexachlorobutadiene	ND		U	0.0322	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0484	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Hexachloroethane	ND		U	0.0373	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Indeno(1,2,3-cd)pyrene	**0.806**			0.0373	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Isophorone	ND		U	0.0323	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Naphthalene	**0.0354**	J	J	0.0336	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Nitrobenzene	ND	CCVE	U	0.0325	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
N-Nitrosodimethylamine	ND		U	0.0419	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
N-nitroso-di-n-propylamine	ND		U	0.0314	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
N-Nitrosodiphenylamine	ND		U	0.0388	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Pentachlorophenol	ND	CCVE	U	0.0429	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Phenanthrene	**1.36**			0.0309	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Phenol	ND		U	0.0406	0.0962	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:19	sr
Pyrene	**2.72**		D	0.152	0.481	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 14:58	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*67.1 %*			*20-108*	*EPA 8270E*	*8/20/26 17:19*
Surrogate: SURR: Phenol-d6	*61.3 %*			*23-114*	*EPA 8270E*	*8/20/26 17:19*
Surrogate: SURR: Nitrobenzene-d5	*66.8 %*			*22-108*	*EPA 8270E*	*8/20/26 17:19*
Surrogate: SURR: 2-Fluorobiphenyl	*64.9 %*			*21-113*	*EPA 8270E*	*8/20/26 17:19*
Surrogate: SURR: 2,4,6-Tribromophenol	*73.4 %*			*19-110*	*EPA 8270E*	*8/20/26 17:19*
Surrogate: SURR: Terphenyl-d14	*61.6 %*			*24-116*	*EPA 8270E*	*8/20/26 17:19*

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0173**		D	0.00364	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
4,4'-DDE	**0.00850**	P	DP	0.00155	0.00192	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
4,4'-DDT	ND		U	0.00307	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Aldrin	ND		U	0.00122	0.00192	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
alpha-BHC	ND		U	0.00529	0.00577	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
alpha-Chlordane	**0.0146**		D	0.00232	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
beta-BHC	ND		U	0.00607	0.00866	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
delta-BHC	ND		U	0.00537	0.00577	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Dieldrin	ND		U	0.00282	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Endosulfan I	ND		U	0.00144	0.00192	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Endosulfan II	ND		U	0.00234	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Endosulfan sulfate	ND		U	0.00193	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Endrin	ND		U	0.00291	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
gamma-BHC (Lindane)	ND		U	0.00247	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH
Heptachlor	ND		U	0.00196	0.00385	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 16:53	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*45.9 %*			*30-150*	*EPA 8081B*	*8/17/26 16:53*
Surrogate: Tetrachloro-m-xylene	*68.4 %*			*30-150*	*EPA 8081B*	*8/17/26 16:53*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1221	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1232	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1242	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1248	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1254	**0.0620**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1260	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1262	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
Aroclor 1268	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF
* Total PCBs	**0.0620**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:46	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*59.5 %*			*30-120*	*EPA 8082A*	*8/16/26 21:46*
Surrogate: Decachlorobiphenyl	*46.0 %*			*30-120*	*EPA 8082A*	*8/16/26 21:46*

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR
Lead	**0.418**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:04	AGNR

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7430**			4.84	4.84	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Antimony	ND		U	2.42	2.42	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Arsenic	**4.64**			1.45	1.45	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Barium	**137**			2.42	2.42	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Beryllium	**0.237**			0.049	0.049	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Cadmium	**0.407**			0.291	0.291	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Calcium	**10900**			4.84	4.84	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Chromium	**16.7**			0.485	0.485	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Cobalt	**6.19**			0.387	0.387	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Copper	**42.1**			1.94	1.94	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Iron	**14000**			24.2	24.2	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Lead	**239**			0.485	0.485	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Magnesium	**3760**			4.85	4.85	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Manganese	**269**			0.485	0.485	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Nickel	**27.5**			0.965	0.965	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Potassium	**1040**			4.85	4.85	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Selenium	ND		U	2.42	2.42	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Silver	ND		U	0.488	0.488	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Sodium	**141**			48.4	48.4	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Thallium	ND		U	1.16	1.94	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Vanadium	**48.9**			0.965	0.965	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR
Zinc	**148**			2.41	2.41	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:09	AGNR

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-51**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-41	**Collection Date/Time:**	8/12/26 14:05

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.566**			0.0110	0.0349	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/18/26 09:38	LCB

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.212	0.581	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**7.92**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 14:20	JSJ
* Temperature	**21.8**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 14:20	JSJ
Cyanide, total	ND		U	0.342	0.581	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.0**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:54	8/14/26 13:35	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/17/26 11:30	8/17/26 17:11	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-51**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-52**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-41-G5	**Collection Date/Time:**	8/12/26 14:00

Lab ID:	**26H0685-52**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1,1-Trichloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1,2-Trichloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1-Dichloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1-Dichloroethylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,1-Dichloropropylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2,3-Trichlorobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2,3-Trichloropropane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2,4-Trichlorobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2,4-Trimethylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2-Dichlorobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2-Dichloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,3,5-Trimethylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,3-Dichlorobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
1,4-Dichlorobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
2,2-Dichloropropane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
2-Butanone	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
2-Chlorotoluene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-52**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-41-G5	**Collection Date/Time:**	8/12/26 14:00

Lab ID:	**26H0685-52**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
4-Chlorotoluene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
4-Methyl-2-pentanone	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Acetone	ND		U	0.0070	0.014	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Acrolein	ND		U	0.0070	0.014	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Acrylonitrile	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Benzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Bromobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Bromochloromethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Bromodichloromethane	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Bromoform	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Bromomethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Carbon disulfide	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Carbon tetrachloride	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Chlorobenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Chloroethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Chloroform	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Chloromethane	ND	CCVE	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
cis-1,2-Dichloroethylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Cyclohexane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Dibromochloromethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Dibromomethane	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* Ethanol	ND	CCVE	U	0.056	0.11	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-52**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-41-G5	**Collection Date/Time:**	8/12/26 14:00

Lab ID:	**26H0685-52**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* Iodomethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Isopropylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Methyl acetate	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Methylcyclohexane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Methylene chloride	ND		U	0.0070	0.014	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0035	0.014	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
n-Butylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
n-Propylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
o-Xylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
p- & m- Xylenes	ND		U	0.0070	0.014	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* p-Diethylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* p-Ethyltoluene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
p-Isopropyltoluene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
sec-Butylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Styrene	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.056	0.11	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
tert-Butyl alcohol (TBA)	ND		U	0.017	0.035	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
tert-Butylbenzene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Tetrachloroethylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* Tetrahydrofuran	ND		U	0.0070	0.014	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-52**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-41-G5	**Collection Date/Time:**	8/12/26 14:00

Lab ID:	**26H0685-52**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
trans-1,2-Dichloroethylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
trans-1,3-Dichloropropylene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Trichloroethylene	ND	QL-02	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Trichlorofluoromethane	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Vinyl acetate	ND		U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Vinyl Chloride	ND	CCVE	U	0.0035	0.0070	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS
Xylenes, Total	ND		U	0.010	0.021	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 12:57	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/18/26 12:57*
Surrogate: SURR: Toluene-d8	*90.3 %*			*85-120*	*EPA 8260D*	*8/18/26 12:57*
Surrogate: SURR: p-Bromofluorobenzene	*112 %*			*76-130*	*EPA 8260D*	*8/18/26 12:57*

Lab ID:	**26H0685-52**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.4**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:54	8/14/26 13:35	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0387	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0316	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
1,2,4-Trichlorobenzene	ND		U	0.0343	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
1,2-Dichlorobenzene	ND		U	0.0296	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	U	0.0298	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
1,3-Dichlorobenzene	ND		U	0.0345	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
1,4-Dichlorobenzene	ND		U	0.0284	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0447	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,4,5-Trichlorophenol	ND		U	0.0443	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,4,6-Trichlorophenol	ND		U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,4-Dichlorophenol	ND		U	0.0326	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,4-Dimethylphenol	ND		U	0.0405	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,4-Dinitrophenol	ND	CAL-E	U	0.0364	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,4-Dinitrotoluene	ND		U	0.0354	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2,6-Dinitrotoluene	ND		U	0.0388	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2-Chloronaphthalene	ND		U	0.0310	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2-Chlorophenol	ND		U	0.0278	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2-Methylnaphthalene	**0.0429**	J	J	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2-Methylphenol	ND		U	0.0297	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2-Nitroaniline	ND		U	0.0264	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
2-Nitrophenol	ND		U	0.0416	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
* 3- & 4-Methylphenols	ND		U	0.0292	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
3,3-Dichlorobenzidine	ND	ICVE	U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
3-Nitroaniline	ND		U	0.0354	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
4,6-Dinitro-2-methylphenol	ND	CAL-E	U	0.0487	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
4-Bromophenyl phenyl ether	ND		U	0.0385	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chloro-3-methylphenol	ND		U	0.0309	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
4-Chloroaniline	ND		U	0.0293	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
4-Chlorophenyl phenyl ether	ND		U	0.0388	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
4-Nitroaniline	ND		U	0.0334	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
4-Nitrophenol	ND	CCVE	U	0.0551	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Acenaphthene	**0.248**			0.0345	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Acenaphthylene	**0.0993**			0.0298	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Acetophenone	ND	CCVE	U	0.0286	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Aniline	ND		U	0.0406	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Anthracene	**0.542**			0.0312	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Atrazine	ND		U	0.0333	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzaldehyde	ND	CCVE	U	0.0339	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzidine	ND	CAL-E	U	0.0113	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzo(a)anthracene	ND		U	0.0305	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzo(a)pyrene	ND		U	0.0344	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzo(b)fluoranthene	ND		U	0.0351	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzo(g,h,i)perylene	**0.0560**	J	J	0.0334	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzo(k)fluoranthene	ND		U	0.0345	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzoic acid	ND	CAL-E, CCVE, ICVE	U	0.0392	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzyl alcohol	ND		U	0.0289	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Benzyl butyl phthalate	ND		U	0.0407	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Bis(2-chloroethoxy)methane	ND		U	0.0291	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Bis(2-chloroethyl)ether	ND	CCVE	U	0.0217	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Bis(2-chloroisopropyl)ether	ND	CCVE	U	0.0414	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0403	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Caprolactam	ND		U	0.0455	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Carbazole	**0.205**			0.0311	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Chrysene	**0.159**			0.0300	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Dibenzo(a,h)anthracene	ND		U	0.0280	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Dibenzofuran	**0.100**			0.0309	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Diethyl phthalate	ND		U	0.0355	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Dimethyl phthalate	ND		U	0.0319	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Di-n-butyl phthalate	ND		U	0.0393	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Di-n-octyl phthalate	ND	CAL-E	U	0.0299	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Fluoranthene	ND		U	0.0300	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Fluorene	**0.171**			0.0353	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Hexachlorobenzene	ND	CCVE	U	0.0378	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Hexachlorobutadiene	ND		U	0.0312	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Hexachlorocyclopentadiene	ND	CCVE	U	0.0469	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Hexachloroethane	ND		U	0.0362	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Indeno(1,2,3-cd)pyrene	**0.145**			0.0362	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Isophorone	ND		U	0.0313	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Naphthalene	**0.0493**	J	J	0.0326	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Nitrobenzene	ND	CCVE	U	0.0315	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
N-Nitrosodimethylamine	ND		U	0.0407	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
N-nitroso-di-n-propylamine	ND		U	0.0304	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
N-Nitrosodiphenylamine	ND		U	0.0376	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Pentachlorophenol	ND	CCVE	U	0.0416	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Phenanthrene	**1.95**		D	0.150	0.466	5	mg/kg dry	EPA 8270E	8/15/26 7:04	8/22/26 14:26	DD
Phenol	ND		U	0.0394	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr
Pyrene	ND		U	0.0294	0.0933	1	mg/kg dry	EPA 8270E	8/15/26 7:04	8/20/26 17:50	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*58.1 %*			*20-108*	*EPA 8270E*	*8/20/26 17:50*
Surrogate: SURR: Phenol-d6	*52.9 %*			*23-114*	*EPA 8270E*	*8/20/26 17:50*
Surrogate: SURR: Nitrobenzene-d5	*57.1 %*			*22-108*	*EPA 8270E*	*8/20/26 17:50*
Surrogate: SURR: 2-Fluorobiphenyl	*55.0 %*			*21-113*	*EPA 8270E*	*8/20/26 17:50*
Surrogate: SURR: 2,4,6-Tribromophenol	*60.8 %*			*19-110*	*EPA 8270E*	*8/20/26 17:50*
Surrogate: SURR: Terphenyl-d14	*%*	S-08	U	*24-116*	*EPA 8270E*	*8/20/26 17:50*

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0160**		D	0.00353	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
4,4'-DDE	**0.0186**		D	0.00150	0.00187	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
4,4'-DDT	**0.0126**	P	DP	0.00297	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Aldrin	ND		U	0.00118	0.00187	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
alpha-BHC	ND		U	0.00513	0.00560	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
alpha-Chlordane	**0.0167**		D	0.00224	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
beta-BHC	ND		U	0.00588	0.00840	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
delta-BHC	ND		U	0.00520	0.00560	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Dieldrin	ND		U	0.00274	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Endosulfan I	ND		U	0.00140	0.00187	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Endosulfan II	ND		U	0.00227	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Endosulfan sulfate	ND		U	0.00187	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Endrin	ND		U	0.00282	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
gamma-BHC (Lindane)	ND		U	0.00239	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH
Heptachlor	ND		U	0.00190	0.00373	5	mg/kg dry	EPA 8081B	8/14/26 12:53	8/17/26 17:10	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Decachlorobiphenyl	*43.4 %*			*30-150*	*EPA 8081B*	*8/17/26 17:10*
Surrogate: Tetrachloro-m-xylene	*66.2 %*			*30-150*	*EPA 8081B*	*8/17/26 17:10*

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1221	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1232	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1242	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1248	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1254	**0.509**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1260	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1262	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
Aroclor 1268	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF
* Total PCBs	**0.509**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/14/26 12:51	8/16/26 21:59	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: Tetrachloro-m-xylene	*58.5 %*			*30-120*	*EPA 8082A*	*8/16/26 21:59*
Surrogate: Decachlorobiphenyl	*45.5 %*			*30-120*	*EPA 8082A*	*8/16/26 21:59*

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR
Barium	**0.650**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR
Lead	**0.360**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/18/26 9:17	8/18/26 17:06	AGNR

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7940**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Arsenic	**5.02**			1.39	1.39	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Barium	**141**			2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Beryllium	**0.265**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Cadmium	**0.443**			0.277	0.277	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Calcium	**10600**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Chromium	**17.2**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Cobalt	**6.63**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Copper	**39.7**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Iron	**15300**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Lead	**231**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Magnesium	**3780**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Manganese	**244**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Nickel	**29.1**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Potassium	**1040**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Silver	ND		U	0.466	0.466	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Sodium	**145**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Vanadium	**28.0**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR
Zinc	**146**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 8:31	8/18/26 12:11	AGNR

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-53**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24-CS-42	**Collection Date/Time:**	8/12/26 14:15

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.41**			0.0107	0.0338	1	mg/kg dry	EPA 7473	8/17/26 11:04	8/18/26 09:38	LCB

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.206	0.564	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**8.05**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 8:38	8/17/26 14:21	JSJ
* Temperature	**22.1**	Z-01a		1.00	1.00	1	°C	EPA 170.1	8/17/26 8:38	8/17/26 14:21	JSJ
Cyanide, total	ND		U	0.331	0.564	1	mg/kg dry	EPA 9014/9010C	8/17/26 8:31	8/17/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/17/26 14:54	8/17/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/17/26 14:51	8/17/26 21:30	JS

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.7**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:54	8/14/26 13:35	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0685-53**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/14/26 18:11	8/15/26 11:49	MJD

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-54**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-42-G4	**Collection Date/Time:**	8/12/26 14:10

Lab ID:	**26H0685-54**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
2-Butanone	**0.0082**			0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
2-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-54**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-42-G4	**Collection Date/Time:**	8/12/26 14:10

Lab ID:	**26H0685-54**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Hexanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
4-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Acetone	**0.046**			0.0054	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Acrolein	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Acrylonitrile	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Bromobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Bromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Bromodichloromethane	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Bromoform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Bromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Carbon disulfide	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Carbon tetrachloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Chlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Chloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Chloroform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Chloromethane	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Cyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Dibromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Dibromomethane	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* Ethanol	ND	CCVE	U	0.043	0.086	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-54**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-42-G4	**Collection Date/Time:**	8/12/26 14:10

Lab ID:	**26H0685-54**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Ethyl Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* Iodomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Isopropylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Methyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Methylcyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Methylene chloride	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
n-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
n-Propylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
o-Xylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
p- & m- Xylenes	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
sec-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Styrene	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.043	0.086	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.027	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
tert-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Tetrachloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* Tetrahydrofuran	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0685-54**
Client Project:	HD161DPL Gateway Site Improvements- Flatlands Avenue	**Date Received:**	08/13/2026
Client Sample ID:	HD161DPL GSI TP-24- CS-42-G4	**Collection Date/Time:**	8/12/26 14:10

Lab ID:	**26H0685-54**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Toluene	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Trichloroethylene	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Vinyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Vinyl Chloride	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS
Xylenes, Total	ND		U	0.0080	0.016	1	mg/kg dry	EPA 8260D	8/18/26 8:08	8/18/26 13:26	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*77-125*	*EPA 8260D*	*8/18/26 13:26*
Surrogate: SURR: Toluene-d8	*89.4 %*			*85-120*	*EPA 8260D*	*8/18/26 13:26*
Surrogate: SURR: p-Bromofluorobenzene	*108 %*			*76-130*	*EPA 8260D*	*8/18/26 13:26*

Lab ID:	**26H0685-54**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.1**		B	0.100	0.100	1	%	SM 2540G	8/14/26 9:54	8/14/26 13:35	CD

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1311 in Soil		
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 6010D in Soil		
Aluminum	7429-90-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Antimony	7440-36-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Calcium	7440-70-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cobalt	7440-48-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Iron	7439-89-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Magnesium	7439-95-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Manganese	7439-96-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Potassium	7440-09-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Sodium	7440-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Thallium	7440-28-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Vanadium	7440-62-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 6010D/1311 in Soil		
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 7196A in Soil		
Chromium, Hexavalent	18540-29-9	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
EPA 7473 in Soil		
Mercury	7439-97-6	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0840
EPA 8081B in Soil		
4,4'-DDD	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDD [2C]	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE [2C]	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDT	50-29-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aldrin	309-00-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-BHC	319-84-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-Chlordane	5103-71-9	NYSDOH-NY10854,NJDEP-CT005
alpha-Chlordane [2C]	5103-71-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005
beta-BHC	319-85-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
delta-BHC	319-86-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Dieldrin	60-57-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan I	959-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan II	33213-65-9	CTDPH-PH-0840,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8081B in Soil (Continued)		
Endosulfan sulfate	1031-07-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8082A in Soil		
Aroclor 1016	12674-11-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1221	11104-28-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1232	11141-16-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1242	53469-21-9	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1248	12672-29-6	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1254	11097-69-1	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1260	11096-82-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1262	37324-23-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aroclor 1268	11100-14-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8260D in Soil		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloropropylene	563-58-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichloropropane	142-28-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
2,2-Dichloropropane	594-20-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chloroethylvinyl ether	110-75-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chlorotoluene	95-49-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Chlorotoluene	106-43-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromobenzene	108-86-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl Methacrylate	80-62-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Naphthalene	91-20-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,4-dichloro-2-butene	110-57-6	CTDPH-PH-0840
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl acetate	108-05-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
EPA 8270E in Soil		
1,1-Biphenyl	92-52-4	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4,5-Tetrachlorobenzene	95-94-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4-Trichlorobenzene	120-82-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Dichlorobenzene	95-50-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,3-Dichlorobenzene	541-73-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,3,4,6-Tetrachlorophenol	58-90-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dichlorophenol	120-83-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
2,4-Dimethylphenol	105-67-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrophenol	51-28-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,6-Dinitrotoluene	606-20-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chloronaphthalene	91-58-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chlorophenol	95-57-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylnaphthalene	91-57-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitroaniline	88-74-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitrophenol	88-75-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840
3,3-Dichlorobenzidine	91-94-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3-Nitroaniline	99-09-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4,6-Dinitro-2-methylphenol	534-52-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Bromophenyl phenyl ether	101-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloro-3-methylphenol	59-50-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloroaniline	106-47-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chlorophenyl phenyl ether	7005-72-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitroaniline	100-01-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitrophenol	100-02-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthene	83-32-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthylene	208-96-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acetophenone	98-86-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Aniline	62-53-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Anthracene	120-12-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Atrazine	1912-24-9	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzaldehyde	100-52-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzidine	92-87-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)anthracene	56-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)pyrene	50-32-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(b)fluoranthene	205-99-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(g,h,i)perylene	191-24-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(k)fluoranthene	207-08-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzoic acid	65-85-0	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl alcohol	100-51-6	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl butyl phthalate	85-68-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethoxy)methane	111-91-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethyl)ether	111-44-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroisopropyl)ether	108-60-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-ethylhexyl)phthalate	117-81-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Caprolactam	105-60-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Carbazole	86-74-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Chrysene	218-01-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzo(a,h)anthracene	53-70-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzofuran	132-64-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Diethyl phthalate	84-66-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dimethyl phthalate	131-11-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-butyl phthalate	84-74-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-octyl phthalate	117-84-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluoranthene	206-44-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluorene	86-73-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorocyclopentadiene	77-47-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Indeno(1,2,3-cd)pyrene	193-39-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Isophorone	78-59-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Naphthalene	91-20-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodimethylamine	62-75-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-nitroso-di-n-propylamine	621-64-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodiphenylamine	86-30-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenanthrene	85-01-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenol	108-95-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyrene	129-00-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 9014/9010C in Soil		
Cyanide, total	57-12-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 9045D in Soil		
pH	pH	NYSDOH-NY10854,CTDPH-PH-0840,PADEP-68-04440
EPA 9095B in Soil		
Paint Filter Test	PF	NYSDOH-NY10854,NJDEP-CT005
SM 2540G in Soil		
% Solids	solids	CTDPH-PH-0840

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2027
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2027
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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 temperture slightly exceeded acceptance range.
HT-04	NON-COMPLIANT- Client requested analysis be conducted outside of holding times.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
HT-PR	Sample was prepared outside of the recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IGN-01	Non-Ignit.
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.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
PF-01	No Free Liquid
PF-02	Free Liquid Present
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
Z-01	TEMPERATURE RECORDED AT TIME OF PH ANALYSIS
Z-01a	temperature taken at the same time as pH

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA
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

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, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to report rerun PCB results.

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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.

Page 1 of 6

YORK Project No.: 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schaffer

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard EQuIS (Standard NYSDEC EQuIS); NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-10-CS-16	S	8/12 7:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-10-CS-16-G3	S	7:35	VOCs 8260	Terracore
HD161DPL GSI TP-10-CS-17	S	8:20	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-10-CS-17-G8	S	7:55	VOCs 8260	Terracore
HD161DPL GSI TP-10-CS-18	S	8:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-10-CS-18-G10	S	8:15	VOCs 8260	Terracore
HD161DPL GSI TP-9-CS-19	S	8:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-9-CS-19-G1	S	8:40	VOCs 8260	Terracore
HD161DPL GSI TP-9-CS-20	S	9:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-9-CS-20-G5	S	9:00	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 11:15		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received at LAB by	Date/Time
	8/13/26 18:30		8/13/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received at LAB by	Date/Time / Temp: Received at Lab
				Yeremiah W	8-13-26 20:45 / 21/20.6

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418

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.: 26H0685

Page 2 of 6

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign here)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package; NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-9-CS-21	S	8/12 8:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-9-CS-21-G10	S	8:10	VOCs 8260	Terracore
HD161DPL GSI TP-8/15-CS-22	S	9:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-8/15-CS-22-G7	S	9:30	VOCs 8260	Terracore
HD161DPL GSI TP-16-CS-23	S	10:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-16-CS-23-G7	S	10:00	VOCs 8260	Terracore
HD161DPL GSI TP-16-CS-24	S	10:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-16-CS-24-G1	S	10:10	VOCs 8260	Terracore
HD161DPL GSI TP-17-CS-25	S	11:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-17-CS-25-G8	S	11:00	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ AscorbicAcid ___ Other ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 11:15		8/13/26 15:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
8/13/26	15:30				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
	8/13/26			8-13-26 20:45	2.1/2.0 C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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

Page 3.6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD (Standard NYSDEC EQuIS); NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-17-CS-26	S	8/12 11:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-17-CS-26-G2	S	11:10	VOCs 8260	Terracore
HD161DPL GSI TP-17-CS-27	S	11:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-17-CS-27-G2	S	11:20	VOCs 8260	Terracore
HD161DPL GSI TP-18-CS-28	S	11:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-18-CS-28-G6	S	11:30	VOCs 8260	Terracore
HD161DPL GSI TP-18-CS-29	S	11:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-18-CS-29-G7	S	11:40	VOCs 8260	Terracore
HD161DPL GSI TP-19-CS-30	S	11:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-19-CS-30-G4	S	11:50	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/13/26 11:45		8/13/26 15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				18:30 8/13/26
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
	18:30				8-13-26 20:45

Temp. Received at Lab: 2.1/2.0 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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.

Page 4 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKGP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-19-CS-31	S	8/12 12:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-19-CS-31-G5	S	12:00	VOCs 8260	Terracore
HD161DPL GSI TP-20-CS-32	S	12:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-20-CS-32-G3	S	12:10	VOCs 8260	Terracore
HD161DPL GSI TP-20-CS-33	S	12:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-20-CS-33-G1	S	12:20	VOCs 8260	Terracore
HD161DPL GSI TP-21-CS-34	S	12:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-21-CS-34-G8	S	12:30	VOCs 8260	Terracore
HD161DPL GSI TP-21-CS-35	S	12:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-21-CS-35-G4	S	12:40	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/24		8/12 11P	8/13/26	15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/26	15:30 3.1				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received at LAB by	Date/Time
	8/13/26			Jeremiah W	8-13-26 20:45

Temp. Received at Lab: 2.1/2.06 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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.

Page 5 of 6

YORK Project No.: 26HD685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day): X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York (X); New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD (Standard NYSDEC EQuIS); NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-21-CS-36	S	8/12 12:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-21-CS-36-G1	S	12:50	VOCs 8260	Terracore
HD161DPL GSI TP-26-CS-37	S	13:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-26-CS-37-G8	S	13:10	VOCs 8260	Terracore
HD161DPL GSI TP-26-CS-38	S	13:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-26-CS-38-G7	S	13:20	VOCs 8260	Terracore
HD161DPL GSI TP-25-CS-39	S	13:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-25-CS-39-G6	S	13:30	VOCs 8260	Terracore
HD161DPL GSI TP-25-CS-40	S	13:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-25-CS-40-G2	S	13:40	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/24		8/13/24 11:15	8/13/20	15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
8/13/20	15:30 3.1				8/13/20 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received at LAB by	Temp. Received at Lab
	8/13/20			9-13-20 20:45	2.1/2.06

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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.

Page 6 of 6

YORK Project No. 26H0685

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD (Standard NYSDEC EQuIS); NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-24-CS-41	S	8/12 14:05	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-24-CS-41-G5	S	" 14:00	VOCs 8260	Terracore
HD161DPL GSI TP-24-CS-42	S	" 14:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-24-CS-42-G4	S	" 14:10	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13/26		8/8/26 1108		8/13/26 15:30
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/13/26 15:30				8/13/26 18:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/13/26			8-13-26 20:45	2.1/2.0 6 Degrees C

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	7:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81793

Project ID: 26H0685
Client ID: HD161DPL GSI TP-10-CS-16

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	56			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	126			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

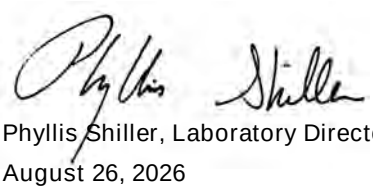
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	8:20
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81794

Project ID: 26H0685
Client ID: HD161DPL GSI TP-10-CS-17

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	0.0004	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	56			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	93			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

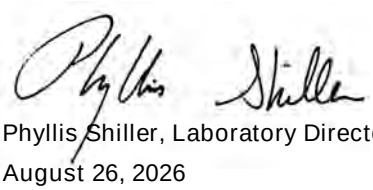
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	8:30
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81795

Project ID: 26H0685
Client ID: HD161DPL GSI TP-10-CS-18

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	61			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	88			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

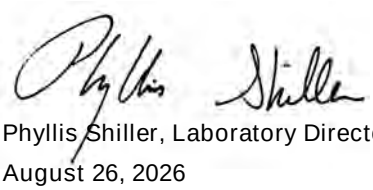
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	8:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81796

Project ID: 26H0685
Client ID: HD161DPL GSI TP-9-CS-19

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	69			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	97			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	9:05
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81797

Project ID: 26H0685
Client ID: HD161DPL GSI TP-9-CS-20

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	66			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	95			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

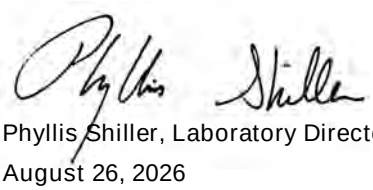
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	9:00
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81798

Project ID: 26H0685
Client ID: HD161DPL GSI TP-9-CS-21

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	49			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	75			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	9:25
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81799

Project ID: 26H0685
Client ID: HD161DPL GSI TP-8/15-CS-22

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	92			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	42			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	83			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

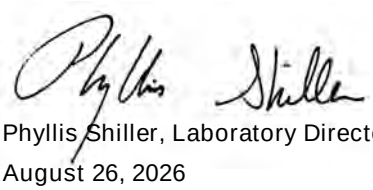
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	10:05
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81800

Project ID: 26H0685
Client ID: HD161DPL GSI TP-16-CS-23

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	74			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	270	240	240	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	49			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	132			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

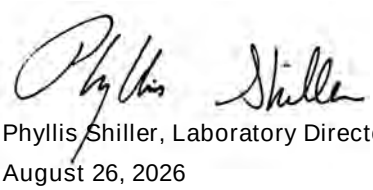
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	10:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81801

Project ID: 26H0685
Client ID: HD161DPL GSI TP-16-CS-24

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	64			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	91			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

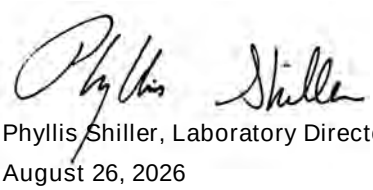
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	11:05
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81802

Project ID: 26H0685
Client ID: HD161DPL GSI TP-17-CS-25

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	86			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	70			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	96			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

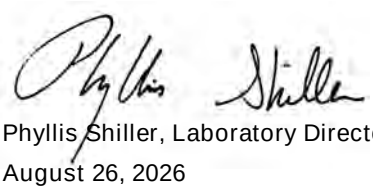
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	11:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81803

Project ID: 26H0685
Client ID: HD161DPL GSI TP-17-CS-26

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	81			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	48	43	43	mg/kg	1	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	69			%	1	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	95			%	1	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

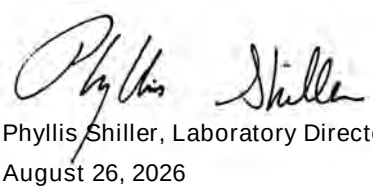
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	11:25
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81804

Project ID: 26H0685
Client ID: HD161DPL GSI TP-17-CS-27

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	56			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	88			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

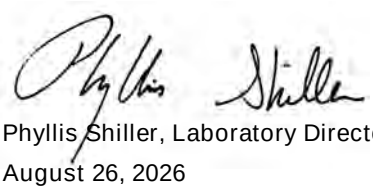
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	11:35
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81805

Project ID: 26H0685
Client ID: HD161DPL GSI TP-18-CS-28

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	68			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	102			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

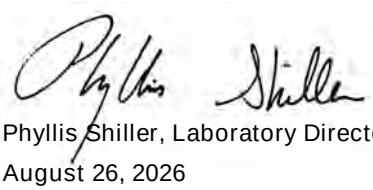
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	11:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81806

Project ID: 26H0685
Client ID: HD161DPL GSI TP-18-CS-29

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	85			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	71			%	5	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	91			%	5	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	11:55
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81807

Project ID: 26H0685
Client ID: HD161DPL GSI TP-19-CS-30

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	92			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/21/26	F/S	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	26	26	mg/kg	1	08/24/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	69			%	1	08/24/26	JRB	40 - 140 %	
% Terphenyl (surr)	97			%	1	08/24/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

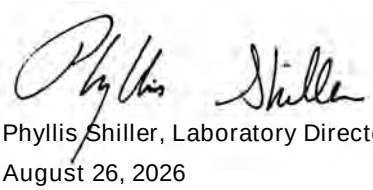
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	12:05
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81808

Project ID: 26H0685
Client ID: HD161DPL GSI TP-10-CS-31

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	270	270	mg/kg	10	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	95			%	10	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	84			%	10	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

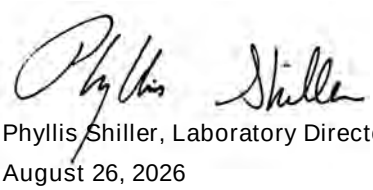
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	12:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81809

Project ID: 26H0685
Client ID: HD161DPL GSI TP-20-CS-32

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	99			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	86			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

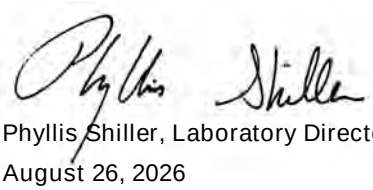
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	12:25
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81810

Project ID: 26H0685
Client ID: HD161DPL GSI TP-20-CS-33

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	270	270	mg/kg	10	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	123			%	10	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	91			%	10	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	12:35
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81811

Project ID: 26H0685
Client ID: HD161DPL GSI TP-21-CS-34

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	96			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	86			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

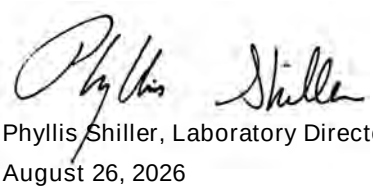
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	12:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81812

Project ID: 26H0685
Client ID: HD161DPL GSI TP-21-CS-35

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	94			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	82			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

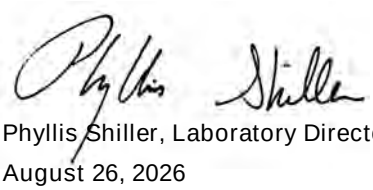
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	12:55
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81813

Project ID: 26H0685
Client ID: HD161DPL GSI TP-21-CS-36

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	94			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	95			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	94			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

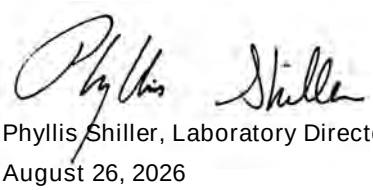
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	13:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81814

Project ID: 26H0685
Client ID: HD161DPL GSI TP-26-CS-37

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	27	27	mg/kg	1	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	83			%	1	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	84			%	1	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

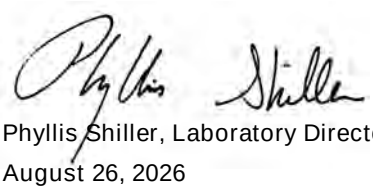
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	13:25
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81815

Project ID: 26H0685
Client ID: HD161DPL GSI TP-26-CS-38

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	84			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	120			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	89			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

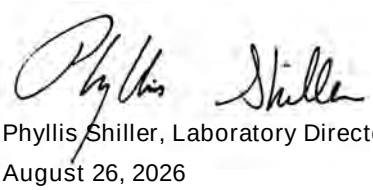
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	13:35
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81816

Project ID: 26H0685
Client ID: HD161DPL GSI TP-25-CS-39

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	105			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	86			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	13:45
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81817

Project ID: 26H0685
Client ID: HD161DPL GSI TP-25-CS-40

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	135			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	95			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

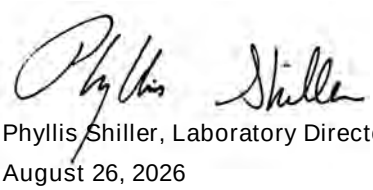
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	14:05
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81818

Project ID: 26H0685
Client ID: HD161DPL GSI TP-24-CS-41

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	Interference			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	93			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

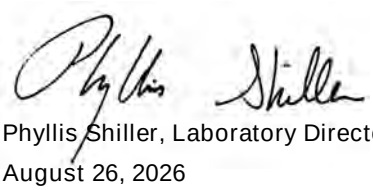
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	ES	08/12/26	14:15
Location Code:	YORK	Received by:	SW	08/14/26	9:00
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:	26H0685				

Laboratory Data

SDG ID: GCW81793
Phoenix ID: CW81819

Project ID: 26H0685
Client ID: HD161DPL GSI TP-24-CS-42

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/18/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/14/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	M/U/HN	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/18/26	AK/SD	SW7470A	
TCLP Extraction for Metals	Completed					08/17/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/25/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	Interference			%	5	08/25/26	JRB	40 - 140 %	
% Terphenyl (surr)	93			%	5	08/25/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

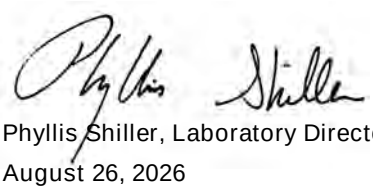
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Sample Criteria Exceedances Report

GCW81793 - YORK

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

2.1 owc RP

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

SENDING LABORATORY:

ALS Environmental - Stratford
120 Research Dr
Stratford, CT 06615
Phone: 203.325.1371

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102

Sample ID: HD161DPL GSI TP-10-CS-16 81793 **ALS Ref: 26H0685-01**

Matrix: Soil **Date Sampled :** 08/12/2026 07:45

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 07:45	
Mercury, TCLP	08/20/2026 19:00	09/09/2026 07:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-10-CS-17 81794 **ALS Ref: 26H0685-03**

Matrix: Soil **Date Sampled :** 08/12/2026 08:20

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 08:20	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 08:20	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% Surcharge per Sarah Bell

Purchase Order No.: 26H0685 Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:
EDDs required:
Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By ALS-Stratford Sample Control	Date	Received By	Date
Victor C. DeJesus 8/13/2026 7am		IBahas 8/14/26 7am	
IBahas 8/14/26	8/10AM		8/14/26 8/10AM
Received By	Date	Received in Subcontract Lab By	Date
ATTOM		marcos Pellerin	8/14/26 9:00

2.10WC
4p

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-10-CS-18 81795 **ALS Ref: 26H0685-05**

Matrix: Soil Date Sampled : 08/12/2026 08:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 08:30	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 08:30	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-9-CS-19 81796 **ALS Ref: 26H0685-07**

Matrix: Soil Date Sampled : 08/12/2026 08:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 08:45	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 08:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-9-CS-20 81797 **ALS Ref: 26H0685-09**

Matrix: Soil Date Sampled : 08/12/2026 09:05

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 09:05	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 09:05	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Purchase Order No.: 26H0685 Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By ALS-Stratford Sample Control	Date	Received By	Date
Victor C. DeJesus	8/13/2026 7AM	KBarbara 8/14/26	7AM
KBarbara 8/14/26	8/14/26 7AM		8/14/26 8:02AM

Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pelletier	8/14/26 9:20

2.1 OWC VP

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

81798

Sample ID: HD161DPL GSI TP-9-CS-21 **ALS Ref: 26H0685-11**

Matrix: Soil **Date Sampled :** 08/12/2026 09:00

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 09:00	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 09:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

81799

Sample ID: HD161DPL GSI TP-8/15-CS-22 **ALS Ref: 26H0685-13**

Matrix: Soil **Date Sampled :** 08/12/2026 09:25

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 09:25	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 09:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

81800

Sample ID: HD161DPL GSI TP-16-CS-23 **ALS Ref: 26H0685-15**

Matrix: Soil **Date Sampled :** 08/12/2026 10:05

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 10:05	
Mercury, TCLP	08/20/2026 19:00	09/09/2026 10:05	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: 26H0685

Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	8/13/2026 7am	KBahuk	8/14/26 7am
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBahuk	8/14/26 8:10am		8/14/26 8:10AM
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pelleriti	8/14/26 9:00

2.1 owe LP

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

81801

Sample ID: HD161DPL GSI TP-16-CS-24 **ALS Ref: 26H0685-17**

Matrix: Soil Date Sampled : 08/12/2026 10:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 10:15	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 10:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

81802

Sample ID: HD161DPL GSI TP-17-CS-25 **ALS Ref: 26H0685-19**

Matrix: Soil Date Sampled : 08/12/2026 11:05

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 11:05	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 11:05	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

81803

Sample ID: HD161DPL GSI TP-17-CS-26 **ALS Ref: 26H0685-21**

Matrix: Soil Date Sampled : 08/12/2026 11:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 11:15	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 11:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: 26H0685

Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	8/13/2026 7am	[signature]	8/14/26 7am
Released By ALS-Stratford Sample Control	Date	Received By	Date
[signature] 8/14/26	8/14 am	[signature]	8/14/26 8/10 am
Received By Atrium	Date	Received in Subcontract Lab By	Date
		monica Pelham	8/14/26 9:10

2.1 owc 4P

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-17-CS-27 81804 **ALS Ref: 26H0685-23**

Matrix: Soil Date Sampled : 08/12/2026 11:25

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 11:25	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 11:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-18-CS-28 81805 **ALS Ref: 26H0685-25**

Matrix: Soil Date Sampled : 08/12/2026 11:35

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 11:35	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 11:35	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-18-CS-29 81806 **ALS Ref: 26H0685-27**

Matrix: Soil Date Sampled : 08/12/2026 11:45

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 11:45	
Mercury, TCLP	08/20/2026 19:00	09/09/2026 11:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% Surcharge per Sarah Bell

Purchase Order No.: 26H0685

Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	8/13/2026 7am	KBarbas 8/14/26 7am	
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBarbas 8/14/26 8:10am			8/14/26 8:10 AM
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pelleriti	8/14/26 Greco

2.1 awe 1P

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-19-CS-30 81807 **ALS Ref: 26H0685-29**
Matrix: Soil **Date Sampled :** 08/12/2026 11:55

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 11:55	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 11:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-19-CS-31 81808 **ALS Ref: 26H0685-31**
Matrix: Soil **Date Sampled :** 08/12/2026 12:05

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 12:05	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 12:05	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-20-CS-32 81809 **ALS Ref: 26H0685-33**
Matrix: Soil **Date Sampled :** 08/12/2026 12:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 12:15	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 12:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: 26H0685
Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:
EDDs required:
Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By ALS-Stratford Sample Control	Date	Received By	Date
Victor C. DeJesus	8/13/2026 7am	[illegible]	8/14/26 7am
[illegible]	8/14/26 8:04am	[illegible]	8/14/26 8:04am
Received By	Date	Received in Subcontract Lab By	Date

2.1 OWC 4P

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com

Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-20-CS-33 81810 **ALS Ref: 26H0685-35**

Matrix: Soil **Date Sampled :** 08/12/2026 12:25

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 12:25	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 12:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-21-CS-34 81811 **ALS Ref: 26H0685-37**

Matrix: Soil **Date Sampled :** 08/12/2026 12:35

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 12:35	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 12:35	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-21-CS-35 81812 **ALS Ref: 26H0685-39**

Matrix: Soil **Date Sampled :** 08/12/2026 12:45

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 12:45	
Mercury, TCLP	08/20/2026 19:00	09/09/2026 12:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: 26H0685

Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	8/13/2026 7am	LBalmes	8/14/26 7am
Released By ALS-Stratford Sample Control	Date	Received By	Date
LBalmes 8/14/26	8:14am		8/14/26 8:10AM
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pellem	8/14/26 9:00

2.1 owc
LP

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0685**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-21-CS-36 81813 **ALS Ref: 26H0685-41**

Matrix: Soil **Date Sampled :** 08/12/2026 12:55

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 12:55	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 12:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-26-CS-37 81814 **ALS Ref: 26H0685-43**

Matrix: Soil **Date Sampled :** 08/12/2026 13:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 13:15	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 13:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-26-CS-38 81815 **ALS Ref: 26H0685-45**

Matrix: Soil **Date Sampled :** 08/12/2026 13:25

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 13:25	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 13:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: **26H0685**

Samples from State of: **NY**
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:
Special Info:
Reporting level: **MDL/LOD**

Chain-of-Custody Information

Victor C. DeJesus	8/13/2026 7AM	KBaker 8/14/26 7AM	
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBaker 8/14/26	8:00AM		8/14/26 8:04AM
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pellerin	8/14/26 9:00

2.1 owe up

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0685

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-25-CS-39 81816 **ALS Ref: 26H0685-47**
Matrix: Soil **Date Sampled :** 08/12/2026 13:35

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 13:35	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 13:35	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-25-CS-40 81817 **ALS Ref: 26H0685-49**
Matrix: Soil **Date Sampled :** 08/12/2026 13:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 13:45	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 13:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

Sample ID: HD161DPL GSI TP-24-CS-41 81818 **ALS Ref: 26H0685-51**
Matrix: Soil **Date Sampled :** 08/12/2026 14:05

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/20/2026 19:00	09/09/2026 14:05	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 14:05	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: 26H0685
Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:
EDDs required:
Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By ALS-Stratford Sample Control	Date	Received By	Date
Victor C. DeJesus	8/13/2026 7am	KBarbara 8/14/26 7am	
KBarbara 8/14/26	8/10 pm		8/14/26 8:10 AM

Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica J Albert	8/14/26 9:00

2.1 owc
tp

8/13/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0685**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-24-CS-42 81819 **ALS Ref: 26H0685-53**

Matrix: Soil **Date Sampled :** 08/12/2026 14:15

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/20/2026 19:00	08/26/2026 14:15	
Mercury, TCLP	08/20/2026 19:00	09/09/2026 14:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)

5-day RUSH- 10% surcharge per Sarah Bell

Purchase Order No.: **26H0685**

Samples from State of: NY
Collected by: Esther Schonfeld

Deliverables required:

EDDs required:

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	8/13/2026 1am	[illegible] 8/14/26 7am	
Released By ALS-Stratford Sample Control	Date	Received By	Date
[illegible] 8/14/26	8/14/26 8:10AM	[illegible]	8/14/26 8:10AM
Received By Atrium	Date	Received in Subcontract Lab By Monica Pellem	Date 8/14/26 9:22

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Report Date: 08/28/2026
Client Project ID: HD161DPL Gateway Site Improvements - Flatlands Avenue
Project (SDG) No.: 26H0771

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 08/28/2026
Client Project ID: HD161DPL Gateway Site Improvements - Flatlands Avenue
Project (SDG) No.: 26H0771

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 14, 2026 and listed below. The project was identified as your project: **HD161DPL Gateway Site Improvements - Flatlands Avenue**.

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.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0771-01	HD161DPL GSI TP-23-C2-43	Soil	08/13/2026	08/14/2026
26H0771-02	HD161DPL GSI TP-23-CS-43-G1	Soil	08/13/2026	08/14/2026
26H0771-03	HD161DPL GSI TP-23-CS-44	Soil	08/13/2026	08/14/2026
26H0771-04	HD161DPL GSI TP-23-C3-44-G2	Soil	08/13/2026	08/14/2026
26H0771-05	HD161DPL GSI TP-22-CS-45	Soil	08/13/2026	08/14/2026
26H0771-06	HD161DPL GSI TP-22-CS-45-G3	Soil	08/13/2026	08/14/2026
26H0771-07	HD161DPL GSI TP-28-CS-46	Soil	08/13/2026	08/14/2026
26H0771-08	HD161DPL GSI TP-28-CS-46-G3	Soil	08/13/2026	08/14/2026
26H0771-09	HD161DPL GSI TP-28-CS-47	Soil	08/13/2026	08/14/2026
26H0771-10	HD161DPL GSI TP-28-CS-47-G4	Soil	08/13/2026	08/14/2026
26H0771-11	HD161DPL GSI TP-29-CS-48	Soil	08/13/2026	08/14/2026
26H0771-12	HD161DPL GSI TP-29-CF-48-G5	Soil	08/13/2026	08/14/2026
26H0771-13	HD161DPL GSI TP-29-CS-49	Soil	08/13/2026	08/14/2026
26H0771-14	HD161DPL GSI TP-29-CS-49-G6	Soil	08/13/2026	08/14/2026
26H0771-15	HD161DPL GSI TP-29-CS-50	Soil	08/13/2026	08/14/2026
26H0771-16	HD161DPL GSI TP-29-CS-50-G7	Soil	08/13/2026	08/14/2026
26H0771-17	HD161DPL GSI TP-28-CS-51	Soil	08/13/2026	08/14/2026
26H0771-18	HD161DPL GSI TP-28-CS-51-G8	Soil	08/13/2026	08/14/2026
26H0771-19	HD161DPL GSI TP-30-CS-52	Soil	08/13/2026	08/14/2026
26H0771-20	HD161DPL GSI TP-30-CS-52-G1	Soil	08/13/2026	08/14/2026

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0771-21	HD161DPL GSI TP-30-CS-53	Soil	08/13/2026	08/14/2026
26H0771-22	HD161DPL GSI TP-30-CS-53-G2	Soil	08/13/2026	08/14/2026
26H0771-23	HD161DPL GSI TP-30-CS-54	Soil	08/13/2026	08/14/2026
26H0771-24	HD161DPL GSI TP-30-CS-54-G3	Soil	08/13/2026	08/14/2026
26H0771-25	HD161DPL GSI TP-31-CS-55	Soil	08/13/2026	08/14/2026
26H0771-26	HD161DPL GSI TP-31-CS-55-G4	Soil	08/13/2026	08/14/2026
26H0771-27	HD161DPL GSI TP-31-CS-56	Soil	08/13/2026	08/14/2026
26H0771-28	HD161DPL GSI TP-31-CS-56-G5	Soil	08/13/2026	08/14/2026
26H0771-29	HD161DPL GSI TP-31-CS-57	Soil	08/13/2026	08/14/2026
26H0771-30	HD161DPL GSI TP-31-CS-57-G6	Soil	08/13/2026	08/14/2026
26H0771-31	HD161DPL GSI TP-27-CS-58	Soil	08/13/2026	08/14/2026
26H0771-32	HD161DPL GSI TP-27-CS-58-G7	Soil	08/13/2026	08/14/2026
26H0771-33	HD161DPL GSI TP-33-CS-59	Soil	08/13/2026	08/14/2026
26H0771-34	HD161DPL GSI TP-33-CS-59-G8	Soil	08/13/2026	08/14/2026
26H0771-35	HD161DPL GSI TP-33-CS-60	Soil	08/13/2026	08/14/2026
26H0771-36	HD161DPL GSI TP-33-CS-60-G5	Soil	08/13/2026	08/14/2026
26H0771-37	HD161DPL GSI TP-33-CS-61	Soil	08/13/2026	08/14/2026
26H0771-38	HD161DPL GSI TP-33-CS-61-G5	Soil	08/13/2026	08/14/2026
26H0771-39	HD161DPL GSI TP-32-CS-62	Soil	08/13/2026	08/14/2026
26H0771-40	HD161DPL GSI TP-32-CS-62-G6	Soil	08/13/2026	08/14/2026
26H0771-41	HD161DPL GSI TP-32-CS-63	Soil	08/13/2026	08/14/2026
26H0771-42	HD161DPL GSI TP-32-CS-63-G7	Soil	08/13/2026	08/14/2026
26H0771-43	HD161DPL GSI TP-32-CS-64	Soil	08/13/2026	08/14/2026
26H0771-44	HD161DPL GSI TP-32-CS-64-G8	Soil	08/13/2026	08/14/2026

General Notes for Project (SDG) No.: 26H0771

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. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, 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 ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:

Scott Hall
Laboratory Manager - Stratford

Date: 08/28/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-01 - HD161DPL GSI TP-23-C2-43								
* Temperature	22.0	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:17
Aluminum	8540			4.51	4.51	mg/kg dry	EPA 6010D	08/18/26 13:13
Arsenic	6.70			1.35	1.35	mg/kg dry	EPA 6010D	08/18/26 13:13
Barium	141			2.25	2.25	mg/kg dry	EPA 6010D	08/18/26 13:13
Beryllium	0.271			0.045	0.045	mg/kg dry	EPA 6010D	08/18/26 13:13
Cadmium	0.370			0.271	0.271	mg/kg dry	EPA 6010D	08/18/26 13:13
Calcium	11000			4.51	4.51	mg/kg dry	EPA 6010D	08/18/26 13:13
Chromium	18.8			0.451	0.451	mg/kg dry	EPA 6010D	08/18/26 13:13
Cobalt	7.34			0.360	0.360	mg/kg dry	EPA 6010D	08/18/26 13:13
Copper	26.3			1.80	1.80	mg/kg dry	EPA 6010D	08/18/26 13:13
Iron	15800			22.5	22.5	mg/kg dry	EPA 6010D	08/18/26 13:13
Lead	274			0.451	0.451	mg/kg dry	EPA 6010D	08/18/26 13:13
Magnesium	4730			4.51	4.51	mg/kg dry	EPA 6010D	08/18/26 13:13
Manganese	223			0.451	0.451	mg/kg dry	EPA 6010D	08/18/26 13:13
Nickel	27.8			0.898	0.898	mg/kg dry	EPA 6010D	08/18/26 13:13
Potassium	1090			4.51	4.51	mg/kg dry	EPA 6010D	08/18/26 13:13
Sodium	148			45.1	45.1	mg/kg dry	EPA 6010D	08/18/26 13:13
Vanadium	26.5			0.898	0.898	mg/kg dry	EPA 6010D	08/18/26 13:13
Zinc	154			2.25	2.25	mg/kg dry	EPA 6010D	08/18/26 13:13
Barium	0.705			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:43
Lead	0.412			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:43
Mercury	0.632			0.0105	0.0330	mg/kg dry	EPA 7473	08/18/26 12:08
4,4'-DDD [2C]	0.00687		D	0.00346	0.00366	mg/kg dry	EPA 8081B	08/18/26 19:29
4,4'-DDE	0.00365	P	DP	0.00147	0.00183	mg/kg dry	EPA 8081B	08/18/26 19:29
4,4'-DDT	0.00576		D	0.00291	0.00366	mg/kg dry	EPA 8081B	08/18/26 19:29
alpha-Chlordane	0.00505	P	DP	0.00220	0.00366	mg/kg dry	EPA 8081B	08/18/26 19:29
Acenaphthene	0.0808	J	J	0.0334	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Acenaphthylene	0.0631	J	J	0.0288	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Anthracene	0.240			0.0301	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Benzo(a)anthracene	0.722			0.0294	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Benzo(a)pyrene	0.483			0.0333	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Benzo(b)fluoranthene	0.657			0.0339	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Benzo(g,h,i)perylene	0.516			0.0323	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Benzo(k)fluoranthene	0.569			0.0333	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Carbazole	0.0841	J	J	0.0300	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Chrysene	0.750			0.0290	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Dibenzo(a,h)anthracene	0.165			0.0270	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Dibenzofuran	0.0455	J	J	0.0298	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Fluoranthene	1.29			0.0290	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Fluorene	0.0786	J	J	0.0341	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Indeno(1,2,3-cd)pyrene	0.532			0.0350	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Phenanthrene	0.774			0.0290	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
Pyrene	1.32			0.0284	0.0902	mg/kg dry	EPA 8270E	08/21/26 9:30
pH	7.91	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:17
* % Solids	90.9		B	0.100	0.100	%	SM 2540G	08/18/26 11:25

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-02 - HD161DPL GSI TP-23-CS-43-G1								
* % Solids	93.9		B	0.100	0.100	%	SM 2540G	08/17/26 13:40
26H0771-03 - HD161DPL GSI TP-23-CS-44								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:18
Aluminum	7750			4.60	4.60	mg/kg dry	EPA 6010D	08/18/26 13:14
Arsenic	5.12			1.38	1.38	mg/kg dry	EPA 6010D	08/18/26 13:14
Barium	131			2.29	2.29	mg/kg dry	EPA 6010D	08/18/26 13:14
Beryllium	0.241			0.046	0.046	mg/kg dry	EPA 6010D	08/18/26 13:14
Cadmium	0.450			0.276	0.276	mg/kg dry	EPA 6010D	08/18/26 13:14
Calcium	9850			4.60	4.60	mg/kg dry	EPA 6010D	08/18/26 13:14
Chromium	20.2			0.460	0.460	mg/kg dry	EPA 6010D	08/18/26 13:14
Cobalt	6.22			0.367	0.367	mg/kg dry	EPA 6010D	08/18/26 13:14
Copper	43.7			1.84	1.84	mg/kg dry	EPA 6010D	08/18/26 13:14
Iron	13500			23.0	23.0	mg/kg dry	EPA 6010D	08/18/26 13:14
Lead	236			0.460	0.460	mg/kg dry	EPA 6010D	08/18/26 13:14
Magnesium	3630			4.60	4.60	mg/kg dry	EPA 6010D	08/18/26 13:14
Manganese	194			0.460	0.460	mg/kg dry	EPA 6010D	08/18/26 13:14
Nickel	29.0			0.915	0.915	mg/kg dry	EPA 6010D	08/18/26 13:14
Potassium	1040			4.60	4.60	mg/kg dry	EPA 6010D	08/18/26 13:14
Sodium	129			46.0	46.0	mg/kg dry	EPA 6010D	08/18/26 13:14
Vanadium	25.2			0.915	0.915	mg/kg dry	EPA 6010D	08/18/26 13:14
Zinc	173			2.29	2.29	mg/kg dry	EPA 6010D	08/18/26 13:14
Barium	0.750			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:44
Lead	0.615			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:44
Mercury	1.50			0.0107	0.0336	mg/kg dry	EPA 7473	08/18/26 12:09
2-Methylnaphthalene	0.0387	J	J	0.0285	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Acenaphthene	0.315			0.0345	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Acenaphthylene	0.169			0.0298	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Anthracene	0.814			0.0311	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Benzo(a)anthracene	2.18		D	0.152	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
Benzo(a)pyrene	1.22			0.0344	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Benzo(b)fluoranthene	2.05		D	0.175	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
Benzo(g,h,i)perylene	1.03			0.0333	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Benzo(k)fluoranthene	1.55		D	0.172	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
Bis(2-ethylhexyl)phthalate	0.0875	J	J	0.0402	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Carbazole	0.253			0.0310	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Chrysene	1.92		D	0.150	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
Dibenzo(a,h)anthracene	0.398			0.0279	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Dibenzofuran	0.114			0.0308	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Fluoranthene	5.08		D	0.150	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
Fluorene	0.189			0.0352	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Indeno(1,2,3-cd)pyrene	1.23			0.0361	0.0931	mg/kg dry	EPA 8270E	08/21/26 10:00
Phenanthrene	2.01		D	0.150	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
Pyrene	3.86		D	0.147	0.465	mg/kg dry	EPA 8270E	08/24/26 9:40
pH	8.17	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:18

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-03 - HD161DPL GSI TP-23-CS-44								
* % Solids	89.2		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-04 - HD161DPL GSI TP-23-C3-44-G2								
* % Solids	87.2		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-05 - HD161DPL GSI TP-22-CS-45								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:25
Aluminum	3570			4.24	4.24	mg/kg dry	EPA 6010D	08/18/26 13:16
Arsenic	2.21			1.27	1.27	mg/kg dry	EPA 6010D	08/18/26 13:16
Barium	48.4			2.12	2.12	mg/kg dry	EPA 6010D	08/18/26 13:16
Beryllium	0.086			0.043	0.043	mg/kg dry	EPA 6010D	08/18/26 13:16
Calcium	2730			4.24	4.24	mg/kg dry	EPA 6010D	08/18/26 13:16
Chromium	8.96			0.424	0.424	mg/kg dry	EPA 6010D	08/18/26 13:16
Cobalt	2.99			0.339	0.339	mg/kg dry	EPA 6010D	08/18/26 13:16
Copper	16.1			1.70	1.70	mg/kg dry	EPA 6010D	08/18/26 13:16
Iron	7590			21.2	21.2	mg/kg dry	EPA 6010D	08/18/26 13:16
Lead	72.5			0.424	0.424	mg/kg dry	EPA 6010D	08/18/26 13:16
Magnesium	1570			4.24	4.24	mg/kg dry	EPA 6010D	08/18/26 13:16
Manganese	101			0.424	0.424	mg/kg dry	EPA 6010D	08/18/26 13:16
Nickel	13.4			0.844	0.844	mg/kg dry	EPA 6010D	08/18/26 13:16
Potassium	533			4.24	4.24	mg/kg dry	EPA 6010D	08/18/26 13:16
Sodium	75.1			42.4	42.4	mg/kg dry	EPA 6010D	08/18/26 13:16
Vanadium	14.7			0.844	0.844	mg/kg dry	EPA 6010D	08/18/26 13:16
Zinc	62.6			2.11	2.11	mg/kg dry	EPA 6010D	08/18/26 13:16
Lead	0.135			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:46
Mercury	0.0960			0.00983	0.0310	mg/kg dry	EPA 7473	08/18/26 13:58
4,4'-DDD [2C]	0.00363		D	0.00325	0.00344	mg/kg dry	EPA 8081B	08/18/26 20:03
alpha-Chlordane	0.00617		D	0.00207	0.00344	mg/kg dry	EPA 8081B	08/18/26 20:03
gamma-Chlordane	0.00347		D	0.00285	0.00344	mg/kg dry	EPA 8081B	08/18/26 20:03
2-Methylnaphthalene	0.0845	J	J	0.0263	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Acenaphthene	0.308			0.0318	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Acenaphthylene	0.0309	J	J	0.0275	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Anthracene	0.851			0.0287	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Benzo(a)anthracene	1.13			0.0281	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Benzo(a)pyrene	0.779			0.0317	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Benzo(b)fluoranthene	0.652			0.0323	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Benzo(g,h,i)perylene	0.326			0.0307	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Benzo(k)fluoranthene	0.664			0.0317	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Bis(2-ethylhexyl)phthalate	0.0467	J	J	0.0371	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Carbazole	0.271			0.0286	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Chrysene	1.02			0.0276	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Dibenzo(a,h)anthracene	0.131			0.0258	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Dibenzofuran	0.220			0.0284	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Fluoranthene	2.39		D	0.138	0.429	mg/kg dry	EPA 8270E	08/24/26 10:11
Fluorene	0.366			0.0325	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Indeno(1,2,3-cd)pyrene	0.380			0.0333	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-05 - HD161DPL GSI TP-22-CS-45								
Naphthalene	0.0856	J	J	0.0300	0.0859	mg/kg dry	EPA 8270E	08/21/26 10:30
Phenanthrene	2.40		D	0.138	0.429	mg/kg dry	EPA 8270E	08/24/26 10:11
Pyrene	1.73		D	0.135	0.429	mg/kg dry	EPA 8270E	08/24/26 10:11
pH	7.93	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:25
* % Solids	96.7		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-06 - HD161DPL GSI TP-22-CS-45-G3								
* % Solids	91.5		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-07 - HD161DPL GSI TP-28-CS-46								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:26
Aluminum	6930			4.47	4.47	mg/kg dry	EPA 6010D	08/18/26 13:17
Arsenic	3.85			1.34	1.34	mg/kg dry	EPA 6010D	08/18/26 13:17
Barium	86.8			2.23	2.23	mg/kg dry	EPA 6010D	08/18/26 13:17
Beryllium	0.210			0.045	0.045	mg/kg dry	EPA 6010D	08/18/26 13:17
Cadmium	0.277			0.268	0.268	mg/kg dry	EPA 6010D	08/18/26 13:17
Calcium	13800			4.47	4.47	mg/kg dry	EPA 6010D	08/18/26 13:17
Chromium	17.2			0.447	0.447	mg/kg dry	EPA 6010D	08/18/26 13:17
Cobalt	7.08			0.357	0.357	mg/kg dry	EPA 6010D	08/18/26 13:17
Copper	23.2			1.79	1.79	mg/kg dry	EPA 6010D	08/18/26 13:17
Iron	12400			22.3	22.3	mg/kg dry	EPA 6010D	08/18/26 13:17
Lead	145			0.447	0.447	mg/kg dry	EPA 6010D	08/18/26 13:17
Magnesium	4290			4.47	4.47	mg/kg dry	EPA 6010D	08/18/26 13:17
Manganese	386			0.447	0.447	mg/kg dry	EPA 6010D	08/18/26 13:17
Nickel	39.0			0.890	0.890	mg/kg dry	EPA 6010D	08/18/26 13:17
Potassium	1250			4.47	4.47	mg/kg dry	EPA 6010D	08/18/26 13:17
Sodium	153			44.7	44.7	mg/kg dry	EPA 6010D	08/18/26 13:17
Vanadium	24.5			0.890	0.890	mg/kg dry	EPA 6010D	08/18/26 13:17
Zinc	115			2.22	2.22	mg/kg dry	EPA 6010D	08/18/26 13:17
Barium	0.898			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:47
Lead	0.320			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:47
Mercury	0.610			0.0104	0.0327	mg/kg dry	EPA 7473	08/18/26 13:58
4,4'-DDD	0.0272		D	0.00343	0.00362	mg/kg dry	EPA 8081B	08/19/26 12:55
4,4'-DDE	0.0149		D	0.00146	0.00181	mg/kg dry	EPA 8081B	08/19/26 12:55
4,4'-DDT	0.00595	P	DP	0.00288	0.00362	mg/kg dry	EPA 8081B	08/19/26 12:55
alpha-Chlordane [2C]	0.0193	P	DP	0.00218	0.00362	mg/kg dry	EPA 8081B	08/19/26 12:55
gamma-Chlordane	0.0229		D	0.00301	0.00362	mg/kg dry	EPA 8081B	08/19/26 12:55
Aroclor 1242	0.0368			0.0181	0.0181	mg/kg dry	EPA 8082A	08/19/26 6:15
Aroclor 1254	0.0720	B	B	0.0181	0.0181	mg/kg dry	EPA 8082A	08/19/26 6:15
* Total PCBs	0.109			0.0543	0.0543	mg/kg dry	EPA 8082A	08/19/26 6:15
Acenaphthene	0.0391	J	J	0.0335	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Anthracene	0.0883	J	J	0.0302	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Benzo(a)anthracene	0.298			0.0296	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Benzo(a)pyrene	0.157			0.0334	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Benzo(b)fluoranthene	0.217			0.0340	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Benzo(g,h,i)perylene	0.116			0.0324	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-07 - HD161DPL GSI TP-28-CS-46								
Benzo(k)fluoranthene	0.211			0.0334	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Bis(2-ethylhexyl)phthalate	1.88		D	0.195	0.452	mg/kg dry	EPA 8270E	08/24/26 10:42
Chrysene	0.278			0.0291	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Dibenzo(a,h)anthracene	0.0460	J	J	0.0271	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Di-n-butyl phthalate	0.714			0.0381	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Fluoranthene	0.505			0.0291	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Indeno(1,2,3-cd)pyrene	0.135			0.0351	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Phenanthrene	0.245			0.0291	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
Pyrene	0.560			0.0285	0.0905	mg/kg dry	EPA 8270E	08/21/26 11:00
pH	8.13	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:26
* % Solids	91.8		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-08 - HD161DPL GSI TP-28-CS-46-G3								
Acetone	0.029			0.0055	0.011	mg/kg dry	EPA 8260D	08/24/26 7:23
* % Solids	91.0		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-09 - HD161DPL GSI TP-28-CS-47								
* Temperature	22.7	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:27
Aluminum	7220			4.70	4.70	mg/kg dry	EPA 6010D	08/18/26 13:19
Arsenic	3.95			1.41	1.41	mg/kg dry	EPA 6010D	08/18/26 13:19
Barium	84.8			2.34	2.34	mg/kg dry	EPA 6010D	08/18/26 13:19
Beryllium	0.190			0.047	0.047	mg/kg dry	EPA 6010D	08/18/26 13:19
Cadmium	0.338			0.282	0.282	mg/kg dry	EPA 6010D	08/18/26 13:19
Calcium	4090			4.70	4.70	mg/kg dry	EPA 6010D	08/18/26 13:19
Chromium	18.9			0.470	0.470	mg/kg dry	EPA 6010D	08/18/26 13:19
Cobalt	6.90			0.375	0.375	mg/kg dry	EPA 6010D	08/18/26 13:19
Copper	29.1			1.88	1.88	mg/kg dry	EPA 6010D	08/18/26 13:19
Iron	12700			23.5	23.5	mg/kg dry	EPA 6010D	08/18/26 13:19
Lead	110			0.470	0.470	mg/kg dry	EPA 6010D	08/18/26 13:19
Magnesium	3090			4.70	4.70	mg/kg dry	EPA 6010D	08/18/26 13:19
Manganese	228			0.470	0.470	mg/kg dry	EPA 6010D	08/18/26 13:19
Nickel	42.7			0.936	0.936	mg/kg dry	EPA 6010D	08/18/26 13:19
Potassium	1250			4.70	4.70	mg/kg dry	EPA 6010D	08/18/26 13:19
Sodium	144			47.0	47.0	mg/kg dry	EPA 6010D	08/18/26 13:19
Vanadium	28.8			0.936	0.936	mg/kg dry	EPA 6010D	08/18/26 13:19
Zinc	92.1			2.34	2.34	mg/kg dry	EPA 6010D	08/18/26 13:19
Barium	0.808			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:49
Lead	0.288			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:49
Mercury	0.681			0.0107	0.0338	mg/kg dry	EPA 7473	08/18/26 14:52
4,4'-DDD [2C]	0.00524		D	0.00355	0.00375	mg/kg dry	EPA 8081B	08/18/26 20:37
4,4'-DDE	0.00293	P	DP	0.00151	0.00187	mg/kg dry	EPA 8081B	08/18/26 20:37
4,4'-DDT	0.00611		D	0.00298	0.00375	mg/kg dry	EPA 8081B	08/18/26 20:37
alpha-Chlordane	0.0151		D	0.00225	0.00375	mg/kg dry	EPA 8081B	08/18/26 20:37
gamma-Chlordane	0.00928		D	0.00311	0.00375	mg/kg dry	EPA 8081B	08/18/26 20:37
Aroclor 1254	0.0202	B	B	0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 6:29
Acenaphthene	0.0565	J	J	0.0340	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-09 - HD161DPL GSI TP-28-CS-47								
Anthracene	0.117			0.0307	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Benzo(a)anthracene	0.308			0.0300	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Benzo(a)pyrene	0.151			0.0339	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Benzo(b)fluoranthene	0.221			0.0345	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Benzo(g,h,i)perylene	0.117			0.0328	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Benzo(k)fluoranthene	0.201			0.0339	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Carbazole	0.0540	J	J	0.0306	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Chrysene	0.277			0.0295	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Dibenzo(a,h)anthracene	0.0466	J	J	0.0275	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Fluoranthene	0.536			0.0295	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Fluorene	0.0415	J	J	0.0347	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Indeno(1,2,3-cd)pyrene	0.135			0.0356	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Phenanthrene	0.400			0.0295	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
Pyrene	0.583			0.0289	0.0918	mg/kg dry	EPA 8270E	08/21/26 11:30
pH	8.03	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:27
* % Solids	88.7		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-10 - HD161DPL GSI TP-28-CS-47-G4								
* % Solids	85.9		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-11 - HD161DPL GSI TP-29-CS-48								
* Temperature	22.8	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:28
Aluminum	7400			4.76	4.76	mg/kg dry	EPA 6010D	08/18/26 13:20
Arsenic	4.39			1.43	1.43	mg/kg dry	EPA 6010D	08/18/26 13:20
Barium	101			2.38	2.38	mg/kg dry	EPA 6010D	08/18/26 13:20
Beryllium	0.217			0.048	0.048	mg/kg dry	EPA 6010D	08/18/26 13:20
Cadmium	0.343			0.285	0.285	mg/kg dry	EPA 6010D	08/18/26 13:20
Calcium	7630			4.76	4.76	mg/kg dry	EPA 6010D	08/18/26 13:20
Chromium	17.5			0.476	0.476	mg/kg dry	EPA 6010D	08/18/26 13:20
Cobalt	6.73			0.380	0.380	mg/kg dry	EPA 6010D	08/18/26 13:20
Copper	36.6			1.90	1.90	mg/kg dry	EPA 6010D	08/18/26 13:20
Iron	13200			23.8	23.8	mg/kg dry	EPA 6010D	08/18/26 13:20
Lead	190			0.476	0.476	mg/kg dry	EPA 6010D	08/18/26 13:20
Magnesium	2970			4.76	4.76	mg/kg dry	EPA 6010D	08/18/26 13:20
Manganese	217			0.476	0.476	mg/kg dry	EPA 6010D	08/18/26 13:20
Nickel	38.1			0.948	0.948	mg/kg dry	EPA 6010D	08/18/26 13:20
Potassium	1130			4.76	4.76	mg/kg dry	EPA 6010D	08/18/26 13:20
Sodium	129			47.6	47.6	mg/kg dry	EPA 6010D	08/18/26 13:20
Vanadium	45.1			0.948	0.948	mg/kg dry	EPA 6010D	08/18/26 13:20
Zinc	114			2.37	2.37	mg/kg dry	EPA 6010D	08/18/26 13:20
Barium	0.702			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:50
Lead	0.488			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:50
Mercury	1.13			0.0108	0.0343	mg/kg dry	EPA 7473	08/18/26 13:59
4,4'-DDD	0.0157		D	0.00359	0.00379	mg/kg dry	EPA 8081B	08/19/26 13:12
4,4'-DDE	0.00647	P	DP	0.00153	0.00190	mg/kg dry	EPA 8081B	08/19/26 13:12
4,4'-DDT	0.00461		D	0.00302	0.00379	mg/kg dry	EPA 8081B	08/19/26 13:12

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-11 - HD161DPL GSI TP-29-CS-48								
alpha-Chlordane	0.00966		D	0.00228	0.00379	mg/kg dry	EPA 8081B	08/19/26 13:12
gamma-Chlordane	0.00699		D	0.00315	0.00379	mg/kg dry	EPA 8081B	08/19/26 13:12
Aroclor 1254	0.0191	B	B	0.0190	0.0190	mg/kg dry	EPA 8082A	08/19/26 6:43
Acenaphthene	0.106			0.0345	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Acenaphthylene	0.0381	J	J	0.0298	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Anthracene	0.225			0.0312	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Benzo(a)anthracene	0.679			0.0305	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Benzo(a)pyrene	0.338			0.0344	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Benzo(b)fluoranthene	0.485			0.0351	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Benzo(g,h,i)perylene	0.259			0.0334	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Benzo(k)fluoranthene	0.431			0.0345	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Benzyl butyl phthalate	0.0672	J	J	0.0407	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Carbazole	0.0817	J	J	0.0311	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Chrysene	0.656			0.0300	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Dibenzo(a,h)anthracene	0.0952			0.0280	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Dibenzofuran	0.0347	J	J	0.0309	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Fluoranthene	1.18			0.0300	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Fluorene	0.0772	J	J	0.0353	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Indeno(1,2,3-cd)pyrene	0.289			0.0362	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Phenanthrene	0.752			0.0300	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
Pyrene	1.31			0.0294	0.0932	mg/kg dry	EPA 8270E	08/21/26 11:59
pH	7.87	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:28
* % Solids	87.6		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-12 - HD161DPL GSI TP-29-CF-48-G5								
Acetone	0.038			0.0053	0.011	mg/kg dry	EPA 8260D	08/25/26 20:49
* % Solids	87.3		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-13 - HD161DPL GSI TP-29-CS-49								
* Temperature	22.5	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:34
Aluminum	6700			4.57	4.57	mg/kg dry	EPA 6010D	08/18/26 13:34
Arsenic	5.96			1.37	1.37	mg/kg dry	EPA 6010D	08/18/26 13:34
Barium	145			2.28	2.28	mg/kg dry	EPA 6010D	08/18/26 13:34
Beryllium	0.220			0.046	0.046	mg/kg dry	EPA 6010D	08/18/26 13:34
Cadmium	0.512			0.274	0.274	mg/kg dry	EPA 6010D	08/18/26 13:34
Calcium	11100			4.57	4.57	mg/kg dry	EPA 6010D	08/18/26 13:34
Chromium	16.4			0.457	0.457	mg/kg dry	EPA 6010D	08/18/26 13:34
Cobalt	6.08			0.365	0.365	mg/kg dry	EPA 6010D	08/18/26 13:34
Copper	43.9			1.83	1.83	mg/kg dry	EPA 6010D	08/18/26 13:34
Iron	13700			22.8	22.8	mg/kg dry	EPA 6010D	08/18/26 13:34
Lead	231			0.457	0.457	mg/kg dry	EPA 6010D	08/18/26 13:34
Magnesium	2950			4.57	4.57	mg/kg dry	EPA 6010D	08/18/26 13:34
Manganese	215			0.457	0.457	mg/kg dry	EPA 6010D	08/18/26 13:34
Nickel	28.0			0.910	0.910	mg/kg dry	EPA 6010D	08/18/26 13:34
Potassium	1020			4.57	4.57	mg/kg dry	EPA 6010D	08/18/26 13:34
Sodium	152			45.7	45.7	mg/kg dry	EPA 6010D	08/18/26 13:34

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-13 - HD161DPL GSI TP-29-CS-49								
Vanadium	30.5			0.910	0.910	mg/kg dry	EPA 6010D	08/18/26 13:34
Zinc	180			2.28	2.28	mg/kg dry	EPA 6010D	08/18/26 13:34
Barium	0.845			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:52
Lead	0.495			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:52
Mercury	0.696			0.0106	0.0334	mg/kg dry	EPA 7473	08/19/26 9:39
4,4'-DDD	0.0107		D	0.00351	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:29
4,4'-DDE	0.00407	P	DP	0.00149	0.00185	mg/kg dry	EPA 8081B	08/19/26 10:29
4,4'-DDT	0.00393	P	DP	0.00295	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:29
alpha-Chlordane	0.0109		D	0.00223	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:29
gamma-Chlordane	0.0117	P	DP	0.00308	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:29
Aroclor 1254	0.0230	B	B	0.0185	0.0185	mg/kg dry	EPA 8082A	08/19/26 6:57
Aroclor 1260	0.0205			0.0185	0.0185	mg/kg dry	EPA 8082A	08/19/26 6:57
Acenaphthene	0.0701	J	J	0.0336	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Acenaphthylene	0.0523	J	J	0.0290	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Anthracene	0.206			0.0303	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Benzo(a)anthracene	0.734			0.0296	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Benzo(a)pyrene	0.558			0.0335	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Benzo(b)fluoranthene	0.544			0.0341	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Benzo(g,h,i)perylene	0.293			0.0325	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Benzo(k)fluoranthene	0.471			0.0335	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Benzyl butyl phthalate	0.0868	J	J	0.0396	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Bis(2-ethylhexyl)phthalate	0.0792	J	J	0.0392	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Carbazole	0.0726	J	J	0.0302	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Chrysene	0.732			0.0292	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Dibenzo(a,h)anthracene	0.111			0.0272	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Fluoranthene	1.27			0.0292	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Fluorene	0.0625	J	J	0.0343	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Indeno(1,2,3-cd)pyrene	0.334			0.0352	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Phenanthrene	0.704			0.0292	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:29
Pyrene	1.17		D	0.0572	0.181	mg/kg dry	EPA 8270E	08/24/26 11:14
pH	7.66	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:34
* % Solids	89.7		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-14 - HD161DPL GSI TP-29-CS-49-G6								
Acetone	0.0060	J	J	0.0051	0.010	mg/kg dry	EPA 8260D	08/25/26 21:18
* % Solids	91.2		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-15 - HD161DPL GSI TP-29-CS-50								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:42
Aluminum	6050			4.72	4.72	mg/kg dry	EPA 6010D	08/18/26 13:36
Arsenic	3.21			1.42	1.42	mg/kg dry	EPA 6010D	08/18/26 13:36
Barium	102			2.36	2.36	mg/kg dry	EPA 6010D	08/18/26 13:36
Beryllium	0.163			0.048	0.048	mg/kg dry	EPA 6010D	08/18/26 13:36
Calcium	3810			4.72	4.72	mg/kg dry	EPA 6010D	08/18/26 13:36
Chromium	13.9			0.473	0.473	mg/kg dry	EPA 6010D	08/18/26 13:36
Cobalt	5.43			0.377	0.377	mg/kg dry	EPA 6010D	08/18/26 13:36

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-15 - HD161DPL GSI TP-29-CS-50								
Copper	25.6			1.89	1.89	mg/kg dry	EPA 6010D	08/18/26 13:36
Iron	11000			23.6	23.6	mg/kg dry	EPA 6010D	08/18/26 13:36
Lead	133			0.473	0.473	mg/kg dry	EPA 6010D	08/18/26 13:36
Magnesium	2260			4.73	4.73	mg/kg dry	EPA 6010D	08/18/26 13:36
Manganese	146			0.473	0.473	mg/kg dry	EPA 6010D	08/18/26 13:36
Nickel	30.7			0.941	0.941	mg/kg dry	EPA 6010D	08/18/26 13:36
Potassium	887			4.73	4.73	mg/kg dry	EPA 6010D	08/18/26 13:36
Sodium	102			47.2	47.2	mg/kg dry	EPA 6010D	08/18/26 13:36
Vanadium	19.0			0.941	0.941	mg/kg dry	EPA 6010D	08/18/26 13:36
Zinc	102			2.35	2.35	mg/kg dry	EPA 6010D	08/18/26 13:36
Barium	0.982			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:53
Lead	0.530			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:53
Mercury	0.491			0.0106	0.0334	mg/kg dry	EPA 7473	08/19/26 9:39
4,4'-DDD	0.00674		D	0.00351	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:46
4,4'-DDE	0.00358	P	DP	0.00149	0.00185	mg/kg dry	EPA 8081B	08/19/26 10:46
4,4'-DDT	0.00484	P	DP	0.00295	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:46
gamma-Chlordane	0.00508	P	DP	0.00307	0.00370	mg/kg dry	EPA 8081B	08/19/26 10:46
Aroclor 1254	0.0261	B	B	0.0185	0.0185	mg/kg dry	EPA 8082A	08/19/26 7:10
* Total PCBs	0.0261			0.0185	0.0185	mg/kg dry	EPA 8082A	08/19/26 7:10
Acenaphthene	0.0867	J	J	0.0336	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Acenaphthylene	0.0316	J	J	0.0290	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Anthracene	0.257			0.0303	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Benzo(a)anthracene	0.780			0.0296	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Benzo(a)pyrene	0.313			0.0335	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Benzo(b)fluoranthene	0.465			0.0341	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Benzo(g,h,i)perylene	0.214			0.0325	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Benzo(k)fluoranthene	0.444			0.0335	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Bis(2-ethylhexyl)phthalate	0.220			0.0392	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Carbazole	0.0795	J	J	0.0302	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Chrysene	0.693			0.0291	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Dibenzo(a,h)anthracene	0.0882	J	J	0.0272	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Dibenzofuran	0.0450	J	J	0.0300	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Fluoranthene	1.42			0.0292	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Fluorene	0.0907			0.0343	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Indeno(1,2,3-cd)pyrene	0.259			0.0352	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Phenanthrene	0.816			0.0292	0.0907	mg/kg dry	EPA 8270E	08/21/26 12:58
Pyrene	1.17		D	0.0572	0.181	mg/kg dry	EPA 8270E	08/24/26 11:46
pH	7.92	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:42
* % Solids	89.7		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-16 - HD161DPL GSI TP-29-CS-50-G7								
Acetone	0.053	CCVE		0.0054	0.011	mg/kg dry	EPA 8260D	08/26/26 11:28
* % Solids	89.3		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-17 - HD161DPL GSI TP-28-CS-51								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:43

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-17 - HD161DPL GSI TP-28-CS-51								
Aluminum	6170			4.74	4.74	mg/kg dry	EPA 6010D	08/18/26 13:37
Arsenic	3.18			1.42	1.42	mg/kg dry	EPA 6010D	08/18/26 13:37
Barium	74.2			2.36	2.36	mg/kg dry	EPA 6010D	08/18/26 13:37
Beryllium	0.167			0.048	0.048	mg/kg dry	EPA 6010D	08/18/26 13:37
Cadmium	0.322			0.284	0.284	mg/kg dry	EPA 6010D	08/18/26 13:37
Calcium	3710			4.74	4.74	mg/kg dry	EPA 6010D	08/18/26 13:37
Chromium	16.6			0.474	0.474	mg/kg dry	EPA 6010D	08/18/26 13:37
Cobalt	6.01			0.379	0.379	mg/kg dry	EPA 6010D	08/18/26 13:37
Copper	29.1			1.89	1.89	mg/kg dry	EPA 6010D	08/18/26 13:37
Iron	10900			23.7	23.7	mg/kg dry	EPA 6010D	08/18/26 13:37
Lead	104			0.474	0.474	mg/kg dry	EPA 6010D	08/18/26 13:37
Magnesium	2600			4.74	4.74	mg/kg dry	EPA 6010D	08/18/26 13:37
Manganese	213			0.474	0.474	mg/kg dry	EPA 6010D	08/18/26 13:37
Nickel	36.5			0.943	0.943	mg/kg dry	EPA 6010D	08/18/26 13:37
Potassium	998			4.74	4.74	mg/kg dry	EPA 6010D	08/18/26 13:37
Sodium	103			47.4	47.4	mg/kg dry	EPA 6010D	08/18/26 13:37
Vanadium	25.8			0.943	0.943	mg/kg dry	EPA 6010D	08/18/26 13:37
Zinc	83.2			2.36	2.36	mg/kg dry	EPA 6010D	08/18/26 13:37
Barium	0.685			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 15:55
Lead	0.342			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 15:55
Mercury	0.560			0.0108	0.0341	mg/kg dry	EPA 7473	08/19/26 9:39
4,4'-DDD	0.0225		D	0.00355	0.00375	mg/kg dry	EPA 8081B	08/19/26 11:03
4,4'-DDE	0.00778	P	DP	0.00151	0.00188	mg/kg dry	EPA 8081B	08/19/26 11:03
4,4'-DDT	0.00742	P	DP	0.00299	0.00375	mg/kg dry	EPA 8081B	08/19/26 11:03
alpha-Chlordane	0.00783	P	DP	0.00226	0.00375	mg/kg dry	EPA 8081B	08/19/26 11:03
gamma-Chlordane	0.0137	P	DP	0.00312	0.00375	mg/kg dry	EPA 8081B	08/19/26 11:03
Aroclor 1254	0.0233	B	B	0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 7:24
Aroclor 1260	0.0259			0.0187	0.0187	mg/kg dry	EPA 8082A	08/19/26 7:24
* Total PCBs	0.0613			0.0563	0.0563	mg/kg dry	EPA 8082A	08/19/26 7:24
Anthracene	0.0675	J	J	0.0311	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Benzo(a)anthracene	0.239			0.0304	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Benzo(a)pyrene	0.123			0.0344	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Benzo(b)fluoranthene	0.181			0.0350	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Benzo(g,h,i)perylene	0.0932			0.0333	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Benzo(k)fluoranthene	0.155			0.0344	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Chrysene	0.229			0.0299	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Dibenzo(a,h)anthracene	0.0388	J	J	0.0279	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Fluoranthene	0.376			0.0300	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Indeno(1,2,3-cd)pyrene	0.115			0.0361	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Phenanthrene	0.218			0.0299	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
Pyrene	0.448			0.0294	0.0931	mg/kg dry	EPA 8270E	08/21/26 13:43
pH	7.92	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:43
* % Solids	88.0		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-18 - HD161DPL GSI TP-28-CS-51-G8								

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-18 - HD161DPL GSI TP-28-CS-51-G8								
Acetone	0.061	CCVE		0.0050	0.010	mg/kg dry	EPA 8260D	08/26/26 11:57
* % Solids	88.0		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-19 - HD161DPL GSI TP-30-CS-52								
* Temperature	22.6	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:44
Aluminum	6170			6.08	6.08	mg/kg dry	EPA 6010D	08/18/26 13:39
Arsenic	3.78			1.82	1.82	mg/kg dry	EPA 6010D	08/18/26 13:39
Barium	64.6			3.04	3.04	mg/kg dry	EPA 6010D	08/18/26 13:39
Beryllium	0.305			0.061	0.061	mg/kg dry	EPA 6010D	08/18/26 13:39
Calcium	2530			6.08	6.08	mg/kg dry	EPA 6010D	08/18/26 13:39
Chromium	16.6			0.609	0.609	mg/kg dry	EPA 6010D	08/18/26 13:39
Cobalt	6.36			0.486	0.486	mg/kg dry	EPA 6010D	08/18/26 13:39
Copper	23.5			2.43	2.43	mg/kg dry	EPA 6010D	08/18/26 13:39
Iron	11100			30.4	30.4	mg/kg dry	EPA 6010D	08/18/26 13:39
Lead	250			0.609	0.609	mg/kg dry	EPA 6010D	08/18/26 13:39
Magnesium	3450			6.09	6.09	mg/kg dry	EPA 6010D	08/18/26 13:39
Manganese	198			0.609	0.609	mg/kg dry	EPA 6010D	08/18/26 13:39
Nickel	38.4			1.21	1.21	mg/kg dry	EPA 6010D	08/18/26 13:39
Potassium	1160			6.09	6.09	mg/kg dry	EPA 6010D	08/18/26 13:39
Sodium	108			60.8	60.8	mg/kg dry	EPA 6010D	08/18/26 13:39
Vanadium	20.3			1.21	1.21	mg/kg dry	EPA 6010D	08/18/26 13:39
Zinc	89.4			3.03	3.03	mg/kg dry	EPA 6010D	08/18/26 13:39
Barium	0.828			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 16:02
Lead	0.165			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 16:02
Mercury	0.207			0.0139	0.0438	mg/kg dry	EPA 7473	08/19/26 9:40
4,4'-DDD	0.00745		D	0.00459	0.00485	mg/kg dry	EPA 8081B	08/19/26 11:20
4,4'-DDE	0.00404	P	DP	0.00195	0.00242	mg/kg dry	EPA 8081B	08/19/26 11:20
4,4'-DDT	0.00526	P	DP	0.00386	0.00485	mg/kg dry	EPA 8081B	08/19/26 11:20
alpha-Chlordane	0.00726		D	0.00292	0.00485	mg/kg dry	EPA 8081B	08/19/26 11:20
gamma-Chlordane	0.00546	P	DP	0.00403	0.00485	mg/kg dry	EPA 8081B	08/19/26 11:20
* Total PCBs	0.0250			0.0239	0.0239	mg/kg dry	EPA 8082A	08/21/26 18:21
2-Methylnaphthalene	0.0785	J	J	0.0367	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Acenaphthene	0.150			0.0443	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Acenaphthylene	0.0866	J	J	0.0382	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Anthracene	0.464			0.0400	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Benzo(a)anthracene	0.931			0.0391	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Benzo(a)pyrene	0.953			0.0442	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Benzo(b)fluoranthene	0.732			0.0450	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Benzo(g,h,i)perylene	0.529			0.0428	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Benzo(k)fluoranthene	0.599			0.0442	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Carbazole	0.186			0.0398	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Chrysene	0.818			0.0384	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Dibenzo(a,h)anthracene	0.0440	J	J	0.0359	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Dibenzofuran	0.136			0.0396	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Fluoranthene	2.35		E	0.0385	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-19 - HD161DPL GSI TP-30-CS-52								
Fluorene	0.228			0.0452	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Indeno(1,2,3-cd)pyrene	0.487			0.0464	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Naphthalene	0.123			0.0418	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
Phenanthrene	2.27		D	0.0769	0.239	mg/kg dry	EPA 8270E	08/24/26 14:23
Pyrene	2.08		E	0.0377	0.120	mg/kg dry	EPA 8270E	08/21/26 16:34
pH	7.91	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:44
* % Solids	68.5		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-20 - HD161DPL GSI TP-30-CS-52-G1								
* % Solids	88.3		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-21 - HD161DPL GSI TP-30-CS-53								
* Temperature	22.5	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:47
Aluminum	7420			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:40
Arsenic	7.01			1.35	1.35	mg/kg dry	EPA 6010D	08/18/26 13:40
Barium	135			2.25	2.25	mg/kg dry	EPA 6010D	08/18/26 13:40
Beryllium	0.209			0.045	0.045	mg/kg dry	EPA 6010D	08/18/26 13:40
Cadmium	0.486			0.270	0.270	mg/kg dry	EPA 6010D	08/18/26 13:40
Calcium	8670			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:40
Chromium	15.9			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 13:40
Cobalt	6.78			0.360	0.360	mg/kg dry	EPA 6010D	08/18/26 13:40
Copper	36.3			1.80	1.80	mg/kg dry	EPA 6010D	08/18/26 13:40
Iron	12900			22.5	22.5	mg/kg dry	EPA 6010D	08/18/26 13:40
Lead	234			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 13:40
Magnesium	3580			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:40
Manganese	214			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 13:40
Nickel	30.0			0.896	0.896	mg/kg dry	EPA 6010D	08/18/26 13:40
Potassium	1090			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:40
Sodium	179			45.0	45.0	mg/kg dry	EPA 6010D	08/18/26 13:40
Vanadium	23.6			0.896	0.896	mg/kg dry	EPA 6010D	08/18/26 13:40
Zinc	187			2.24	2.24	mg/kg dry	EPA 6010D	08/18/26 13:40
Barium	0.938			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 16:03
Lead	0.325			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 16:03
Mercury	0.500			0.0104	0.0329	mg/kg dry	EPA 7473	08/19/26 9:40
4,4'-DDD [2C]	0.0162		D	0.00345	0.00365	mg/kg dry	EPA 8081B	08/20/26 14:53
4,4'-DDE	0.00418	P	DP	0.00147	0.00182	mg/kg dry	EPA 8081B	08/20/26 14:53
4,4'-DDT	0.00439		D	0.00290	0.00365	mg/kg dry	EPA 8081B	08/20/26 14:53
alpha-Chlordane [2C]	0.00441	P	DP	0.00219	0.00365	mg/kg dry	EPA 8081B	08/20/26 14:53
gamma-Chlordane	0.00536		D	0.00303	0.00365	mg/kg dry	EPA 8081B	08/20/26 14:53
Aroclor 1254	0.0210			0.0182	0.0182	mg/kg dry	EPA 8082A	08/20/26 14:47
Aroclor 1260	0.0197			0.0182	0.0182	mg/kg dry	EPA 8082A	08/20/26 14:47
2-Methylnaphthalene	0.0619	J	J	0.0276	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Acenaphthene	0.135			0.0333	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Acenaphthylene	0.124			0.0288	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Anthracene	0.499			0.0301	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Benzo(a)anthracene	1.61		E	0.0294	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-21 - HD161DPL GSI TP-30-CS-53								
Benzo(a)pyrene	0.673		D	0.166	0.450	mg/kg dry	EPA 8270E	08/24/26 14:53
Benzo(b)fluoranthene	1.70		E	0.0338	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Benzo(g,h,i)perylene	1.04			0.0322	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Benzo(k)fluoranthene	1.03			0.0332	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Bis(2-ethylhexyl)phthalate	0.0615	J	J	0.0389	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Carbazole	0.178			0.0300	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Chrysene	1.52		E	0.0289	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Dibenzo(a,h)anthracene	0.0961			0.0270	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Dibenzofuran	0.0875	J	J	0.0298	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Fluoranthene	2.71		D	0.145	0.450	mg/kg dry	EPA 8270E	08/24/26 14:53
Fluorene	0.166			0.0340	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Indeno(1,2,3-cd)pyrene	0.967			0.0349	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Naphthalene	0.0911			0.0314	0.0899	mg/kg dry	EPA 8270E	08/21/26 17:06
Phenanthrene	2.15		D	0.145	0.450	mg/kg dry	EPA 8270E	08/24/26 14:53
Pyrene	3.40		D	0.142	0.450	mg/kg dry	EPA 8270E	08/24/26 14:53
pH	7.99	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:47
* % Solids	91.1		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-22 - HD161DPL GSI TP-30-CS-53-G2								
* % Solids	89.3		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-23 - HD161DPL GSI TP-30-CS-54								
* Temperature	22.4	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:52
Aluminum	7430			4.82	4.82	mg/kg dry	EPA 6010D	08/18/26 13:42
Antimony	3.04			2.41	2.41	mg/kg dry	EPA 6010D	08/18/26 13:42
Arsenic	7.59			1.45	1.45	mg/kg dry	EPA 6010D	08/18/26 13:42
Barium	205			2.41	2.41	mg/kg dry	EPA 6010D	08/18/26 13:42
Beryllium	0.254			0.049	0.049	mg/kg dry	EPA 6010D	08/18/26 13:42
Cadmium	1.54			0.289	0.289	mg/kg dry	EPA 6010D	08/18/26 13:42
Calcium	9790			4.82	4.82	mg/kg dry	EPA 6010D	08/18/26 13:42
Chromium	18.1			0.483	0.483	mg/kg dry	EPA 6010D	08/18/26 13:42
Cobalt	5.57			0.385	0.385	mg/kg dry	EPA 6010D	08/18/26 13:42
Copper	62.7			1.93	1.93	mg/kg dry	EPA 6010D	08/18/26 13:42
Iron	15900			24.1	24.1	mg/kg dry	EPA 6010D	08/18/26 13:42
Lead	373			0.483	0.483	mg/kg dry	EPA 6010D	08/18/26 13:42
Magnesium	3370			4.83	4.83	mg/kg dry	EPA 6010D	08/18/26 13:42
Manganese	413			0.483	0.483	mg/kg dry	EPA 6010D	08/18/26 13:42
Nickel	29.3			0.960	0.960	mg/kg dry	EPA 6010D	08/18/26 13:42
Potassium	1020			4.83	4.83	mg/kg dry	EPA 6010D	08/18/26 13:42
Sodium	392			48.2	48.2	mg/kg dry	EPA 6010D	08/18/26 13:42
Vanadium	24.1			0.960	0.960	mg/kg dry	EPA 6010D	08/18/26 13:42
Zinc	440			2.40	2.40	mg/kg dry	EPA 6010D	08/18/26 13:42
Barium	1.18			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 16:05
Lead	0.605			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 16:05
Mercury	0.558			0.0110	0.0347	mg/kg dry	EPA 7473	08/19/26 9:41
4,4'-DDD [2C]	0.0129		D	0.00364	0.00384	mg/kg dry	EPA 8081B	08/20/26 15:11

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-23 - HD161DPL GSI TP-30-CS-54								
4,4'-DDE	0.00346	P	DP	0.00155	0.00192	mg/kg dry	EPA 8081B	08/20/26 15:11
4,4'-DDT	0.00413	P	DP	0.00306	0.00384	mg/kg dry	EPA 8081B	08/20/26 15:11
alpha-Chlordane	0.0118		D	0.00231	0.00384	mg/kg dry	EPA 8081B	08/20/26 15:11
gamma-Chlordane	0.00757	P	DP	0.00319	0.00384	mg/kg dry	EPA 8081B	08/20/26 15:11
Aroclor 1254	0.0412			0.0192	0.0192	mg/kg dry	EPA 8082A	08/21/26 12:00
Aroclor 1260	0.0350			0.0192	0.0192	mg/kg dry	EPA 8082A	08/21/26 12:00
* Total PCBs	0.0762			0.0577	0.0577	mg/kg dry	EPA 8082A	08/21/26 12:00
2-Methylnaphthalene	0.0365	J	J	0.0295	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Acenaphthene	0.0938	J	J	0.0356	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Acenaphthylene	0.0704	J	J	0.0307	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Anthracene	0.270			0.0321	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Benzo(a)anthracene	0.906			0.0314	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Benzo(a)pyrene	1.00			0.0355	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Benzo(b)fluoranthene	0.910			0.0361	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Benzo(g,h,i)perylene	0.598			0.0344	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Benzo(k)fluoranthene	0.638			0.0355	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Benzyl butyl phthalate	0.0773	J	J	0.0419	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Bis(2-ethylhexyl)phthalate	0.178			0.0415	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Carbazole	0.113			0.0320	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Chrysene	0.826			0.0309	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Dibenzo(a,h)anthracene	0.0627	J	J	0.0288	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Dibenzofuran	0.0561	J	J	0.0318	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Fluoranthene	1.63		D	0.155	0.480	mg/kg dry	EPA 8270E	08/24/26 15:24
Fluorene	0.0853	J	J	0.0363	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Indeno(1,2,3-cd)pyrene	0.571			0.0373	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Naphthalene	0.0531	J	J	0.0336	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Phenanthrene	1.23			0.0309	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
Pyrene	1.63		E	0.0303	0.0961	mg/kg dry	EPA 8270E	08/21/26 17:38
pH	7.80	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:52
* % Solids	86.4		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-24 - HD161DPL GSI TP-30-CS-54-G3								
2-Butanone	0.0062			0.0016	0.0032	mg/kg dry	EPA 8260D	08/27/26 12:33
Acetone	0.064	CCVE		0.0032	0.0065	mg/kg dry	EPA 8260D	08/27/26 12:33
* % Solids	82.9		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-25 - HD161DPL GSI TP-31-CS-55								
* Temperature	22.3	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:57
Aluminum	4400			4.35	4.35	mg/kg dry	EPA 6010D	08/19/26 10:33
Arsenic	4.07			1.31	1.31	mg/kg dry	EPA 6010D	08/19/26 10:33
Barium	45.7			2.17	2.17	mg/kg dry	EPA 6010D	08/19/26 10:33
Beryllium	3.12			0.044	0.044	mg/kg dry	EPA 6010D	08/19/26 10:33
Cadmium	0.687			0.261	0.261	mg/kg dry	EPA 6010D	08/19/26 10:33
Calcium	6590			4.35	4.35	mg/kg dry	EPA 6010D	08/19/26 10:33
Chromium	12.8			0.435	0.435	mg/kg dry	EPA 6010D	08/19/26 10:33
Cobalt	4.75			0.348	0.348	mg/kg dry	EPA 6010D	08/19/26 10:33

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-25 - HD161DPL GSI TP-31-CS-55								
Copper	22.3			1.74	1.74	mg/kg dry	EPA 6010D	08/19/26 10:33
Iron	14700			21.7	21.7	mg/kg dry	EPA 6010D	08/19/26 10:33
Lead	73.1			0.435	0.435	mg/kg dry	EPA 6010D	08/19/26 10:33
Magnesium	2590			4.35	4.35	mg/kg dry	EPA 6010D	08/19/26 10:33
Manganese	226			0.435	0.435	mg/kg dry	EPA 6010D	08/19/26 10:33
Nickel	20.7			0.867	0.867	mg/kg dry	EPA 6010D	08/19/26 10:33
Potassium	711			4.35	4.35	mg/kg dry	EPA 6010D	08/19/26 10:33
Sodium	90.7			43.5	43.5	mg/kg dry	EPA 6010D	08/19/26 10:33
Vanadium	19.8			0.867	0.867	mg/kg dry	EPA 6010D	08/19/26 10:33
Zinc	69.2			2.17	2.17	mg/kg dry	EPA 6010D	08/19/26 10:33
Mercury	0.0802			0.0102	0.0324	mg/kg dry	EPA 7473	08/19/26 9:41
4,4'-DDE	0.00189		D	0.00144	0.00179	mg/kg dry	EPA 8081B	08/20/26 15:28
4,4'-DDT	0.00393		D	0.00285	0.00358	mg/kg dry	EPA 8081B	08/20/26 15:28
Benzo(a)anthracene	0.0871	J	J	0.0293	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Benzo(a)pyrene	0.104			0.0331	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Benzo(b)fluoranthene	0.0957			0.0337	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Benzo(g,h,i)perylene	0.0699	J	J	0.0321	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Benzo(k)fluoranthene	0.0681	J	J	0.0331	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Chrysene	0.0756	J	J	0.0288	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Fluoranthene	0.151			0.0288	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Indeno(1,2,3-cd)pyrene	0.0642	J	J	0.0347	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Phenanthrene	0.0599	J	J	0.0288	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
Pyrene	0.134			0.0282	0.0896	mg/kg dry	EPA 8270E	08/21/26 18:11
pH	8.20	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:57
* % Solids	92.7		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-26 - HD161DPL GSI TP-31-CS-55-G4								
* % Solids	93.9		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-27 - HD161DPL GSI TP-31-CS-56								
* Temperature	22.4	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:58
Aluminum	4820			4.62	4.62	mg/kg dry	EPA 6010D	08/19/26 10:34
Arsenic	3.86			1.38	1.38	mg/kg dry	EPA 6010D	08/19/26 10:34
Barium	56.5			2.30	2.30	mg/kg dry	EPA 6010D	08/19/26 10:34
Beryllium	0.269			0.047	0.047	mg/kg dry	EPA 6010D	08/19/26 10:34
Cadmium	0.480			0.277	0.277	mg/kg dry	EPA 6010D	08/19/26 10:34
Calcium	1900			4.62	4.62	mg/kg dry	EPA 6010D	08/19/26 10:34
Chromium	16.4			0.462	0.462	mg/kg dry	EPA 6010D	08/19/26 10:34
Cobalt	5.25			0.369	0.369	mg/kg dry	EPA 6010D	08/19/26 10:34
Copper	31.6			1.85	1.85	mg/kg dry	EPA 6010D	08/19/26 10:34
Iron	12000			23.1	23.1	mg/kg dry	EPA 6010D	08/19/26 10:34
Lead	84.5			0.462	0.462	mg/kg dry	EPA 6010D	08/19/26 10:34
Magnesium	2070			4.62	4.62	mg/kg dry	EPA 6010D	08/19/26 10:34
Manganese	154			0.462	0.462	mg/kg dry	EPA 6010D	08/19/26 10:34
Nickel	33.1			0.920	0.920	mg/kg dry	EPA 6010D	08/19/26 10:34
Potassium	766			4.62	4.62	mg/kg dry	EPA 6010D	08/19/26 10:34

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-27 - HD161DPL GSI TP-31-CS-56								
Sodium	78.4			46.2	46.2	mg/kg dry	EPA 6010D	08/19/26 10:34
Vanadium	22.1			0.920	0.920	mg/kg dry	EPA 6010D	08/19/26 10:34
Zinc	97.4			2.30	2.30	mg/kg dry	EPA 6010D	08/19/26 10:34
Barium	0.722			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 16:08
Lead	0.192			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 16:08
Mercury	0.291			0.0105	0.0332	mg/kg dry	EPA 7473	08/19/26 9:41
4,4'-DDD [2C]	0.00671		D	0.00349	0.00368	mg/kg dry	EPA 8081B	08/20/26 15:45
4,4'-DDT	0.00636		D	0.00293	0.00368	mg/kg dry	EPA 8081B	08/20/26 15:45
Anthracene	0.0321	J	J	0.0301	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Benzo(a)anthracene	0.172			0.0295	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Benzo(a)pyrene	0.183			0.0333	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Benzo(b)fluoranthene	0.175			0.0339	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Benzo(g,h,i)perylene	0.113			0.0323	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Benzo(k)fluoranthene	0.125			0.0333	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Bis(2-ethylhexyl)phthalate	0.0559	J	J	0.0390	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Chrysene	0.159			0.0290	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Fluoranthene	0.297			0.0290	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Indeno(1,2,3-cd)pyrene	0.109			0.0350	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Phenanthrene	0.109			0.0290	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
Pyrene	0.258			0.0284	0.0902	mg/kg dry	EPA 8270E	08/21/26 18:42
pH	8.05	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:58
* % Solids	90.3		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-28 - HD161DPL GSI TP-31-CS-56-G5								
* % Solids	90.1		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-29 - HD161DPL GSI TP-31-CS-57								
* Temperature	22.5	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 16:59
Aluminum	7100			5.25	5.25	mg/kg dry	EPA 6010D	08/19/26 10:36
Arsenic	4.71			1.57	1.57	mg/kg dry	EPA 6010D	08/19/26 10:36
Barium	118			2.62	2.62	mg/kg dry	EPA 6010D	08/19/26 10:36
Beryllium	0.307			0.053	0.053	mg/kg dry	EPA 6010D	08/19/26 10:36
Cadmium	0.483			0.315	0.315	mg/kg dry	EPA 6010D	08/19/26 10:36
Calcium	4400			5.25	5.25	mg/kg dry	EPA 6010D	08/19/26 10:36
Chromium	20.9			0.525	0.525	mg/kg dry	EPA 6010D	08/19/26 10:36
Cobalt	7.38			0.419	0.419	mg/kg dry	EPA 6010D	08/19/26 10:36
Copper	43.4			2.10	2.10	mg/kg dry	EPA 6010D	08/19/26 10:36
Iron	13100			26.2	26.2	mg/kg dry	EPA 6010D	08/19/26 10:36
Lead	254			0.525	0.525	mg/kg dry	EPA 6010D	08/19/26 10:36
Magnesium	3040			5.25	5.25	mg/kg dry	EPA 6010D	08/19/26 10:36
Manganese	250			0.525	0.525	mg/kg dry	EPA 6010D	08/19/26 10:36
Nickel	44.3			1.05	1.05	mg/kg dry	EPA 6010D	08/19/26 10:36
Potassium	1130			5.25	5.25	mg/kg dry	EPA 6010D	08/19/26 10:36
Sodium	111			52.5	52.5	mg/kg dry	EPA 6010D	08/19/26 10:36
Vanadium	28.7			1.05	1.05	mg/kg dry	EPA 6010D	08/19/26 10:36
Zinc	229			2.61	2.61	mg/kg dry	EPA 6010D	08/19/26 10:36

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-29 - HD161DPL GSI TP-31-CS-57								
Barium	0.835			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 16:09
Lead	0.660			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 16:09
Chromium, Hexavalent	2.78			0.230	0.630	mg/kg dry	EPA 7196A	08/19/26 19:15
Mercury	0.109			0.0120	0.0378	mg/kg dry	EPA 7473	08/19/26 9:41
4,4'-DDD [2C]	0.00481		D	0.00395	0.00417	mg/kg dry	EPA 8081B	08/20/26 16:02
4,4'-DDE	0.00243	P	DP	0.00168	0.00208	mg/kg dry	EPA 8081B	08/20/26 16:02
2-Methylnaphthalene	0.0439	J	J	0.0314	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Acenaphthene	0.174			0.0380	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Acenaphthylene	0.0345	J	J	0.0328	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Anthracene	0.326			0.0343	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Benzo(a)anthracene	0.625			0.0335	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Benzo(a)pyrene	0.630			0.0379	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Benzo(b)fluoranthene	0.553			0.0386	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Benzo(g,h,i)perylene	0.340			0.0367	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Benzo(k)fluoranthene	0.386			0.0379	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Carbazole	0.114			0.0341	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Chrysene	0.566			0.0329	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Dibenzo(a,h)anthracene	0.0324	J	J	0.0308	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Dibenzofuran	0.0960	J	J	0.0339	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Fluoranthene	1.84		E	0.0330	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Fluorene	0.164			0.0388	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Indeno(1,2,3-cd)pyrene	0.331			0.0397	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Naphthalene	0.0410	J	J	0.0358	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Phenanthrene	1.81		E	0.0330	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
Pyrene	1.45			0.0323	0.103	mg/kg dry	EPA 8270E	08/21/26 19:14
pH	7.64	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 16:59
* % Solids	79.4		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-30 - HD161DPL GSI TP-31-CS-57-G6								
* % Solids	90.1		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-31 - HD161DPL GSI TP-27-CS-58								
* Temperature	22.2	Z-01		1.00	1.00	°C	EPA 170.1	08/18/26 17:10
Aluminum	7730			4.40	4.40	mg/kg dry	EPA 6010D	08/18/26 13:43
Arsenic	4.06			1.32	1.32	mg/kg dry	EPA 6010D	08/18/26 13:43
Barium	89.6			2.20	2.20	mg/kg dry	EPA 6010D	08/18/26 13:43
Beryllium	0.238			0.044	0.044	mg/kg dry	EPA 6010D	08/18/26 13:43
Cadmium	0.317			0.264	0.264	mg/kg dry	EPA 6010D	08/18/26 13:43
Calcium	3230			4.40	4.40	mg/kg dry	EPA 6010D	08/18/26 13:43
Chromium	20.4			0.440	0.440	mg/kg dry	EPA 6010D	08/18/26 13:43
Cobalt	7.98			0.352	0.352	mg/kg dry	EPA 6010D	08/18/26 13:43
Copper	46.8			1.76	1.76	mg/kg dry	EPA 6010D	08/18/26 13:43
Iron	13700			22.0	22.0	mg/kg dry	EPA 6010D	08/18/26 13:43
Lead	212			0.440	0.440	mg/kg dry	EPA 6010D	08/18/26 13:43
Magnesium	3900			4.40	4.40	mg/kg dry	EPA 6010D	08/18/26 13:43
Manganese	243			0.440	0.440	mg/kg dry	EPA 6010D	08/18/26 13:43

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-31 - HD161DPL GSI TP-27-CS-58								
Nickel	55.8			0.876	0.876	mg/kg dry	EPA 6010D	08/18/26 13:43
Potassium	1450			4.40	4.40	mg/kg dry	EPA 6010D	08/18/26 13:43
Sodium	202			44.0	44.0	mg/kg dry	EPA 6010D	08/18/26 13:43
Vanadium	41.3			0.876	0.876	mg/kg dry	EPA 6010D	08/18/26 13:43
Zinc	173			2.19	2.19	mg/kg dry	EPA 6010D	08/18/26 13:43
Barium	1.07			0.023	0.625	mg/L	EPA 6010D/1311	08/19/26 16:11
Lead	0.390			0.113	0.125	mg/L	EPA 6010D/1311	08/19/26 16:11
Mercury	1.53			0.0100	0.0317	mg/kg dry	EPA 7473	08/19/26 9:41
4,4'-DDD [2C]	0.00891		D	0.00332	0.00351	mg/kg dry	EPA 8081B	08/20/26 16:19
4,4'-DDE	0.00710		D	0.00141	0.00175	mg/kg dry	EPA 8081B	08/20/26 16:19
4,4'-DDT	0.0113		D	0.00279	0.00351	mg/kg dry	EPA 8081B	08/20/26 16:19
gamma-Chlordane	0.00411		D	0.00291	0.00351	mg/kg dry	EPA 8081B	08/20/26 16:19
Acenaphthylene	0.0431	J	J	0.0280	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Anthracene	0.102			0.0293	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Benzo(a)anthracene	0.471			0.0286	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Benzo(a)pyrene	0.570			0.0324	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Benzo(b)fluoranthene	0.510			0.0330	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Benzo(g,h,i)perylene	0.348			0.0314	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Benzo(k)fluoranthene	0.390			0.0324	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Carbazole	0.0474	J	J	0.0292	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Chrysene	0.424			0.0282	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Dibenzo(a,h)anthracene	0.0344	J	J	0.0263	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Fluoranthene	0.889			0.0282	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Indeno(1,2,3-cd)pyrene	0.342			0.0340	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Phenanthrene	0.348			0.0282	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
Pyrene	0.757			0.0276	0.0877	mg/kg dry	EPA 8270E	08/21/26 19:46
pH	7.08	HT-pH		0.500	0.500	pH units	EPA 9045D	08/18/26 17:10
* % Solids	94.7		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-32 - HD161DPL GSI TP-27-CS-58-G7								
* % Solids	97.1		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-33 - HD161DPL GSI TP-33-CS-59								
* Temperature	21.9	Z-01		1.00	1.00	°C	EPA 170.1	08/19/26 13:24
Aluminum	7240			4.55	4.55	mg/kg dry	EPA 6010D	08/18/26 13:45
Arsenic	4.79			1.37	1.37	mg/kg dry	EPA 6010D	08/18/26 13:45
Barium	75.1			2.27	2.27	mg/kg dry	EPA 6010D	08/18/26 13:45
Beryllium	0.327			0.046	0.046	mg/kg dry	EPA 6010D	08/18/26 13:45
Cadmium	0.373			0.273	0.273	mg/kg dry	EPA 6010D	08/18/26 13:45
Calcium	3320			4.55	4.55	mg/kg dry	EPA 6010D	08/18/26 13:45
Chromium	27.8			0.455	0.455	mg/kg dry	EPA 6010D	08/18/26 13:45
Cobalt	8.11			0.364	0.364	mg/kg dry	EPA 6010D	08/18/26 13:45
Copper	70.7			1.82	1.82	mg/kg dry	EPA 6010D	08/18/26 13:45
Iron	16400			22.8	22.8	mg/kg dry	EPA 6010D	08/18/26 13:45
Lead	120			0.455	0.455	mg/kg dry	EPA 6010D	08/18/26 13:45
Magnesium	3190			4.55	4.55	mg/kg dry	EPA 6010D	08/18/26 13:45

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-33 - HD161DPL GSI TP-33-CS-59								
Manganese	283			0.455	0.455	mg/kg dry	EPA 6010D	08/18/26 13:45
Nickel	59.3			0.907	0.907	mg/kg dry	EPA 6010D	08/18/26 13:45
Potassium	1140			4.55	4.55	mg/kg dry	EPA 6010D	08/18/26 13:45
Sodium	143			45.5	45.5	mg/kg dry	EPA 6010D	08/18/26 13:45
Vanadium	30.9			0.907	0.907	mg/kg dry	EPA 6010D	08/18/26 13:45
Zinc	155			2.27	2.27	mg/kg dry	EPA 6010D	08/18/26 13:45
Barium	0.832			0.023	0.625	mg/L	EPA 6010D/1311	08/20/26 14:26
Lead	0.142			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:26
Mercury	0.483			0.0105	0.0333	mg/kg dry	EPA 7473	08/19/26 11:26
4,4'-DDE	0.00272	P	DP	0.00148	0.00184	mg/kg dry	EPA 8081B	08/21/26 10:32
Aroclor 1254	0.0241			0.0184	0.0184	mg/kg dry	EPA 8082A	08/20/26 19:03
Aroclor 1260	0.0230			0.0184	0.0184	mg/kg dry	EPA 8082A	08/20/26 19:03
Anthracene	0.0561	J	J	0.0308	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Benzo(a)anthracene	0.234			0.0301	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Benzo(a)pyrene	0.273			0.0340	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Benzo(b)fluoranthene	0.259			0.0347	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Benzo(g,h,i)perylene	0.172			0.0330	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Benzo(k)fluoranthene	0.181			0.0341	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Chrysene	0.217			0.0296	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Fluoranthene	0.446			0.0297	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Indeno(1,2,3-cd)pyrene	0.163			0.0357	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Phenanthrene	0.189			0.0296	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
Pyrene	0.372			0.0291	0.0922	mg/kg dry	EPA 8270E	08/21/26 20:18
pH	8.00	HT-pH		0.500	0.500	pH units	EPA 9045D	08/19/26 13:24
* % Solids	90.1		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-34 - HD161DPL GSI TP-33-CS-59-G8								
* % Solids	92.5		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-35 - HD161DPL GSI TP-33-CS-60								
* Temperature	21.7	Z-01		1.00	1.00	°C	EPA 170.1	08/19/26 13:35
Aluminum	5660			4.52	4.52	mg/kg dry	EPA 6010D	08/18/26 13:46
Arsenic	2.61			1.36	1.36	mg/kg dry	EPA 6010D	08/18/26 13:46
Barium	55.7			2.26	2.26	mg/kg dry	EPA 6010D	08/18/26 13:46
Beryllium	0.157			0.046	0.046	mg/kg dry	EPA 6010D	08/18/26 13:46
Calcium	2500			4.53	4.53	mg/kg dry	EPA 6010D	08/18/26 13:46
Chromium	15.9			0.453	0.453	mg/kg dry	EPA 6010D	08/18/26 13:46
Cobalt	6.33			0.362	0.362	mg/kg dry	EPA 6010D	08/18/26 13:46
Copper	24.1			1.81	1.81	mg/kg dry	EPA 6010D	08/18/26 13:46
Iron	10400			22.6	22.6	mg/kg dry	EPA 6010D	08/18/26 13:46
Lead	61.2			0.453	0.453	mg/kg dry	EPA 6010D	08/18/26 13:46
Magnesium	2910			4.53	4.53	mg/kg dry	EPA 6010D	08/18/26 13:46
Manganese	198			0.453	0.453	mg/kg dry	EPA 6010D	08/18/26 13:46
Nickel	52.8			0.902	0.902	mg/kg dry	EPA 6010D	08/18/26 13:46
Potassium	1100			4.53	4.53	mg/kg dry	EPA 6010D	08/18/26 13:46
Sodium	101			45.3	45.3	mg/kg dry	EPA 6010D	08/18/26 13:46

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-35 - HD161DPL GSI TP-33-CS-60								
Vanadium	19.1			0.902	0.902	mg/kg dry	EPA 6010D	08/18/26 13:46
Zinc	63.3			2.25	2.25	mg/kg dry	EPA 6010D	08/18/26 13:46
Barium	0.790			0.023	0.625	mg/L	EPA 6010D/1311	08/20/26 14:28
Lead	0.288			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:28
Mercury	0.314			0.0105	0.0331	mg/kg dry	EPA 7473	08/19/26 11:27
4,4'-DDD	0.00619	P	DP	0.00347	0.00367	mg/kg dry	EPA 8081B	08/21/26 10:49
Aroclor 1242	0.0304			0.0183	0.0183	mg/kg dry	EPA 8082A	08/21/26 12:14
Aroclor 1254	0.0715			0.0183	0.0183	mg/kg dry	EPA 8082A	08/21/26 12:14
Aroclor 1260	0.0343			0.0183	0.0183	mg/kg dry	EPA 8082A	08/21/26 12:14
* Total PCBs	0.136			0.0550	0.0550	mg/kg dry	EPA 8082A	08/21/26 12:14
Anthracene	0.0711	J	J	0.0450	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Benzo(a)anthracene	0.216			0.0440	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Benzo(a)pyrene	0.218			0.0497	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Benzo(b)fluoranthene	0.208			0.0506	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Benzo(g,h,i)perylene	0.136			0.0482	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Benzo(k)fluoranthene	0.157			0.0498	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Chrysene	0.187			0.0433	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Fluoranthene	0.454			0.0433	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Indeno(1,2,3-cd)pyrene	0.127	J	J	0.0522	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Phenanthrene	0.194			0.0433	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
Pyrene	0.405			0.0425	0.135	mg/kg dry	EPA 8270E	08/21/26 20:49
pH	8.00	HT-pH		0.500	0.500	pH units	EPA 9045D	08/19/26 13:35
* % Solids	90.6		B	0.100	0.100	%	SM 2540G	08/18/26 11:25
26H0771-36 - HD161DPL GSI TP-33-CS-60-G5								
Acetone	0.035	CCVE		0.0059	0.012	mg/kg dry	EPA 8260D	08/26/26 15:20
* % Solids	83.2		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-37 - HD161DPL GSI TP-33-CS-61								
* Temperature	21.9	Z-01		1.00	1.00	°C	EPA 170.1	08/19/26 13:38
Aluminum	4960			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:48
Arsenic	3.32			1.35	1.35	mg/kg dry	EPA 6010D	08/18/26 13:48
Barium	54.3			2.24	2.24	mg/kg dry	EPA 6010D	08/18/26 13:48
Beryllium	0.115			0.045	0.045	mg/kg dry	EPA 6010D	08/18/26 13:48
Calcium	2760			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:48
Chromium	12.7			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 13:48
Cobalt	4.98			0.359	0.359	mg/kg dry	EPA 6010D	08/18/26 13:48
Copper	19.8			1.80	1.80	mg/kg dry	EPA 6010D	08/18/26 13:48
Iron	9030			22.5	22.5	mg/kg dry	EPA 6010D	08/18/26 13:48
Lead	67.9			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 13:48
Magnesium	2370			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:48
Manganese	178			0.450	0.450	mg/kg dry	EPA 6010D	08/18/26 13:48
Nickel	29.8			0.896	0.896	mg/kg dry	EPA 6010D	08/18/26 13:48
Potassium	1000			4.50	4.50	mg/kg dry	EPA 6010D	08/18/26 13:48
Sodium	108			45.0	45.0	mg/kg dry	EPA 6010D	08/18/26 13:48
Vanadium	16.9			0.896	0.896	mg/kg dry	EPA 6010D	08/18/26 13:48

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-37 - HD161DPL GSI TP-33-CS-61								
Zinc	58.4			2.24	2.24	mg/kg dry	EPA 6010D	08/18/26 13:48
Barium	0.830			0.023	0.625	mg/L	EPA 6010D/1311	08/20/26 14:29
Lead	0.405			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:29
Mercury	0.284			0.0103	0.0324	mg/kg dry	EPA 7473	08/19/26 11:27
4,4'-DDD [2C]	0.00468	P	DP	0.00339	0.00359	mg/kg dry	EPA 8081B	08/21/26 11:06
4,4'-DDE	0.00412		D	0.00144	0.00179	mg/kg dry	EPA 8081B	08/21/26 11:06
Aroclor 1254	0.0266			0.0179	0.0179	mg/kg dry	EPA 8082A	08/21/26 12:28
Aroclor 1260	0.0220			0.0179	0.0179	mg/kg dry	EPA 8082A	08/21/26 12:28
* Total PCBs	0.0602			0.0538	0.0538	mg/kg dry	EPA 8082A	08/21/26 12:28
Benzo(a)anthracene	0.0816	J	J	0.0430	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Benzo(a)pyrene	0.0832	J	J	0.0486	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Benzo(b)fluoranthene	0.0790	J	J	0.0495	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Benzo(g,h,i)perylene	0.0500	J	J	0.0471	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Benzo(k)fluoranthene	0.0558	J	J	0.0486	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Chrysene	0.0695	J	J	0.0423	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Fluoranthene	0.141			0.0423	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Indeno(1,2,3-cd)pyrene	0.0516	J	J	0.0510	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Phenanthrene	0.0426	J	J	0.0423	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
Pyrene	0.130	J	J	0.0415	0.132	mg/kg dry	EPA 8270E	08/21/26 21:21
pH	8.18	HT-pH		0.500	0.500	pH units	EPA 9045D	08/19/26 13:38
* % Solids	92.7		B	0.100	0.100	%	SM 2540G	08/19/26 16:40
26H0771-38 - HD161DPL GSI TP-33-CS-61-G5								
2-Butanone	0.0041	J	J	0.0026	0.0053	mg/kg dry	EPA 8260D	08/26/26 15:49
Acetone	0.056	CCVE		0.0053	0.011	mg/kg dry	EPA 8260D	08/26/26 15:49
* % Solids	91.3		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-39 - HD161DPL GSI TP-32-CS-62								
* Temperature	21.6	Z-01		1.00	1.00	°C	EPA 170.1	08/19/26 13:47
Aluminum	6750			4.47	4.47	mg/kg dry	EPA 6010D	08/19/26 10:37
Arsenic	5.60			1.34	1.34	mg/kg dry	EPA 6010D	08/19/26 10:37
Barium	228			2.23	2.23	mg/kg dry	EPA 6010D	08/19/26 10:37
Beryllium	0.287			0.045	0.045	mg/kg dry	EPA 6010D	08/19/26 10:37
Cadmium	0.733			0.268	0.268	mg/kg dry	EPA 6010D	08/19/26 10:37
Calcium	3200			4.47	4.47	mg/kg dry	EPA 6010D	08/19/26 10:37
Chromium	18.9			0.447	0.447	mg/kg dry	EPA 6010D	08/19/26 10:37
Cobalt	7.22			0.357	0.357	mg/kg dry	EPA 6010D	08/19/26 10:37
Copper	51.2			1.79	1.79	mg/kg dry	EPA 6010D	08/19/26 10:37
Iron	18200			22.3	22.3	mg/kg dry	EPA 6010D	08/19/26 10:37
Lead	265			0.447	0.447	mg/kg dry	EPA 6010D	08/19/26 10:37
Magnesium	3210			4.47	4.47	mg/kg dry	EPA 6010D	08/19/26 10:37
Manganese	250			0.447	0.447	mg/kg dry	EPA 6010D	08/19/26 10:37
Nickel	40.0			0.890	0.890	mg/kg dry	EPA 6010D	08/19/26 10:37
Potassium	1010			4.47	4.47	mg/kg dry	EPA 6010D	08/19/26 10:37
Sodium	128			44.7	44.7	mg/kg dry	EPA 6010D	08/19/26 10:37
Vanadium	36.1			0.890	0.890	mg/kg dry	EPA 6010D	08/19/26 10:37

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-39 - HD161DPL GSI TP-32-CS-62								
Zinc	216			2.23	2.23	mg/kg dry	EPA 6010D	08/19/26 10:37
Barium	1.30			0.023	0.625	mg/L	EPA 6010D/1311	08/20/26 14:31
Lead	0.212			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:31
Mercury	0.713			0.0104	0.0327	mg/kg dry	EPA 7473	08/19/26 11:27
4,4'-DDD [2C]	0.00522	P	DP	0.00342	0.00361	mg/kg dry	EPA 8081B	08/21/26 11:23
4,4'-DDE	0.00408		D	0.00145	0.00181	mg/kg dry	EPA 8081B	08/21/26 11:23
4,4'-DDT	0.00756		D	0.00288	0.00361	mg/kg dry	EPA 8081B	08/21/26 11:23
Dieldrin	0.00655		D	0.00265	0.00361	mg/kg dry	EPA 8081B	08/21/26 11:23
Aroclor 1254	0.0661			0.0180	0.0180	mg/kg dry	EPA 8082A	08/20/26 19:44
Aroclor 1268	0.0209			0.0180	0.0180	mg/kg dry	EPA 8082A	08/20/26 19:44
* Total PCBs	0.0869			0.0542	0.0542	mg/kg dry	EPA 8082A	08/20/26 19:44
Anthracene	0.0806	J	J	0.0440	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Benzo(a)anthracene	0.283			0.0430	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Benzo(a)pyrene	0.310			0.0486	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Benzo(b)fluoranthene	0.279			0.0495	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Benzo(g,h,i)perylene	0.191			0.0471	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Benzo(k)fluoranthene	0.236			0.0487	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Chrysene	0.260			0.0423	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Fluoranthene	0.552			0.0424	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Indeno(1,2,3-cd)pyrene	0.196			0.0510	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Phenanthrene	0.295			0.0423	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
Pyrene	0.466			0.0415	0.132	mg/kg dry	EPA 8270E	08/21/26 21:53
pH	8.10	HT-pH		0.500	0.500	pH units	EPA 9045D	08/19/26 13:47
* % Solids	91.7		B	0.100	0.100	%	SM 2540G	08/19/26 16:40
26H0771-40 - HD161DPL GSI TP-32-CS-62-G6								
* % Solids	90.5		B	0.100	0.100	%	SM 2540G	08/17/26 12:00
26H0771-41 - HD161DPL GSI TP-32-CS-63								
* Temperature	21.6	Z-01		1.00	1.00	°C	EPA 170.1	08/19/26 13:51
Aluminum	7320			5.45	5.45	mg/kg dry	EPA 6010D	08/19/26 10:39
Arsenic	3.76			1.64	1.64	mg/kg dry	EPA 6010D	08/19/26 10:39
Barium	79.2			2.72	2.72	mg/kg dry	EPA 6010D	08/19/26 10:39
Beryllium	0.252			0.055	0.055	mg/kg dry	EPA 6010D	08/19/26 10:39
Cadmium	0.360			0.327	0.327	mg/kg dry	EPA 6010D	08/19/26 10:39
Calcium	4110			5.45	5.45	mg/kg dry	EPA 6010D	08/19/26 10:39
Chromium	31.3			0.546	0.546	mg/kg dry	EPA 6010D	08/19/26 10:39
Cobalt	7.98			0.436	0.436	mg/kg dry	EPA 6010D	08/19/26 10:39
Copper	30.3			2.18	2.18	mg/kg dry	EPA 6010D	08/19/26 10:39
Iron	12800			27.3	27.3	mg/kg dry	EPA 6010D	08/19/26 10:39
Lead	183			0.546	0.546	mg/kg dry	EPA 6010D	08/19/26 10:39
Magnesium	3260			5.46	5.46	mg/kg dry	EPA 6010D	08/19/26 10:39
Manganese	296			0.546	0.546	mg/kg dry	EPA 6010D	08/19/26 10:39
Nickel	66.2			1.09	1.09	mg/kg dry	EPA 6010D	08/19/26 10:39
Potassium	1230			5.46	5.46	mg/kg dry	EPA 6010D	08/19/26 10:39
Sodium	159			54.5	54.5	mg/kg dry	EPA 6010D	08/19/26 10:39

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-41 - HD161DPL GSI TP-32-CS-63								
Vanadium	202			1.09	1.09	mg/kg dry	EPA 6010D	08/19/26 10:39
Zinc	88.9			2.71	2.71	mg/kg dry	EPA 6010D	08/19/26 10:39
Barium	0.695			0.023	0.625	mg/L	EPA 6010D/1311	08/20/26 14:32
Lead	0.245			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:32
Mercury	0.300			0.0126	0.0399	mg/kg dry	EPA 7473	08/19/26 11:27
4,4'-DDD	0.00504	P	DP	0.00418	0.00442	mg/kg dry	EPA 8081B	08/21/26 11:40
4,4'-DDE	0.00271	P	DP	0.00178	0.00221	mg/kg dry	EPA 8081B	08/21/26 11:40
Aroclor 1254	0.0231			0.0221	0.0221	mg/kg dry	EPA 8082A	08/21/26 17:12
* Total PCBs	0.0588			0.0221	0.0221	mg/kg dry	EPA 8082A	08/21/26 17:12
Anthracene	0.0747	J	J	0.0547	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Benzo(a)anthracene	0.248			0.0535	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Benzo(a)pyrene	0.207	CCVE		0.0605	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Benzo(b)fluoranthene	0.193			0.0616	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Benzo(g,h,i)perylene	0.117	J	J	0.0586	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Benzo(k)fluoranthene	0.168	ICVE		0.0605	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Chrysene	0.223			0.0526	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Dibenzo(a,h)anthracene	0.0550	J	J	0.0491	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Fluoranthene	0.442			0.0527	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Indeno(1,2,3-cd)pyrene	0.128	J	J	0.0635	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Phenanthrene	0.179			0.0526	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
Pyrene	0.447			0.0516	0.164	mg/kg dry	EPA 8270E	08/24/26 20:56
pH	8.02	HT-pH		0.500	0.500	pH units	EPA 9045D	08/19/26 13:51
* % Solids	75.2		B	0.100	0.100	%	SM 2540G	08/19/26 16:40
26H0771-42 - HD161DPL GSI TP-32-CS-63-G7								
* % Solids	93.0		B	0.100	0.100	%	SM 2540G	08/17/26 14:30
26H0771-43 - HD161DPL GSI TP-32-CS-64								
* Temperature	21.6	Z-01		1.00	1.00	°C	EPA 170.1	08/19/26 14:03
Aluminum	4710			4.50	4.50	mg/kg dry	EPA 6010D	08/19/26 10:40
Arsenic	3.40			1.35	1.35	mg/kg dry	EPA 6010D	08/19/26 10:40
Barium	93.8			2.25	2.25	mg/kg dry	EPA 6010D	08/19/26 10:40
Beryllium	0.175			0.045	0.045	mg/kg dry	EPA 6010D	08/19/26 10:40
Cadmium	0.441			0.270	0.270	mg/kg dry	EPA 6010D	08/19/26 10:40
Calcium	3770			4.50	4.50	mg/kg dry	EPA 6010D	08/19/26 10:40
Chromium	18.4			0.451	0.451	mg/kg dry	EPA 6010D	08/19/26 10:40
Cobalt	4.14			0.360	0.360	mg/kg dry	EPA 6010D	08/19/26 10:40
Copper	41.3			1.80	1.80	mg/kg dry	EPA 6010D	08/19/26 10:40
Iron	9490			22.5	22.5	mg/kg dry	EPA 6010D	08/19/26 10:40
Lead	154			0.451	0.451	mg/kg dry	EPA 6010D	08/19/26 10:40
Magnesium	2140			4.51	4.51	mg/kg dry	EPA 6010D	08/19/26 10:40
Manganese	141			0.451	0.451	mg/kg dry	EPA 6010D	08/19/26 10:40
Nickel	24.0			0.897	0.897	mg/kg dry	EPA 6010D	08/19/26 10:40
Potassium	685			4.51	4.51	mg/kg dry	EPA 6010D	08/19/26 10:40
Sodium	96.5			45.0	45.0	mg/kg dry	EPA 6010D	08/19/26 10:40
Vanadium	23.2			0.897	0.897	mg/kg dry	EPA 6010D	08/19/26 10:40

Positive Hits Included in This Report

Excludes Subcontracted Analysis

(Continued)

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0771-43 - HD161DPL GSI TP-32-CS-64								
Zinc	119			2.24	2.24	mg/kg dry	EPA 6010D	08/19/26 10:40
Barium	0.790			0.023	0.625	mg/L	EPA 6010D/1311	08/20/26 14:34
Lead	0.302			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:34
Mercury	0.423			0.0104	0.0330	mg/kg dry	EPA 7473	08/19/26 11:28
* Total PCBs	0.0275			0.0182	0.0182	mg/kg dry	EPA 8082A	08/21/26 17:26
Anthracene	0.0780	J	J	0.0443	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Benzo(a)anthracene	0.274			0.0433	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Benzo(a)pyrene	0.308			0.0490	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Benzo(b)fluoranthene	0.282			0.0499	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Benzo(g,h,i)perylene	0.218			0.0475	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Benzo(k)fluoranthene	0.219			0.0490	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Bis(2-ethylhexyl)phthalate	0.268			0.0573	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Chrysene	0.247			0.0426	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Fluoranthene	0.550			0.0427	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Indeno(1,2,3-cd)pyrene	0.204			0.0514	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Phenanthrene	0.191			0.0427	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
Pyrene	0.466			0.0418	0.133	mg/kg dry	EPA 8270E	08/21/26 22:57
pH	7.99	HT-pH		0.500	0.500	pH units	EPA 9045D	08/19/26 14:03
* % Solids	91.0		B	0.100	0.100	%	SM 2540G	08/19/26 16:40
26H0771-44 - HD161DPL GSI TP-32-CS-64-G8								
2-Butanone	0.0098			0.0025	0.0051	mg/kg dry	EPA 8260D	08/19/26 21:45
Acetone	0.062			0.0051	0.010	mg/kg dry	EPA 8260D	08/19/26 21:45
* % Solids	87.9		B	0.100	0.100	%	SM 2540G	08/17/26 14:30

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-01**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C2-43	**Collection Date/Time:**	8/13/26 7:50

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0374	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0306	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0332	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
1,2-Dichlorobenzene	ND		U	0.0286	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0288	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
1,3-Dichlorobenzene	ND		U	0.0334	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
1,4-Dichlorobenzene	ND		U	0.0275	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0432	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,4,5-Trichlorophenol	ND		U	0.0428	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,4,6-Trichlorophenol	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,4-Dichlorophenol	ND		U	0.0315	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,4-Dimethylphenol	ND		U	0.0392	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,4-Dinitrophenol	ND		U	0.0352	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,4-Dinitrotoluene	ND		U	0.0342	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2,6-Dinitrotoluene	ND		U	0.0375	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2-Chloronaphthalene	ND		U	0.0300	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2-Chlorophenol	ND		U	0.0269	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2-Methylnaphthalene	ND		U	0.0276	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2-Methylphenol	ND		U	0.0287	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2-Nitroaniline	ND		U	0.0255	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
2-Nitrophenol	ND		U	0.0402	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
* 3- & 4-Methylphenols	ND		U	0.0282	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
3,3-Dichlorobenzidine	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
3-Nitroaniline	ND		U	0.0342	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0471	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4-Bromophenyl phenyl ether	ND		U	0.0372	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4-Chloro-3-methylphenol	ND		U	0.0299	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4-Chloroaniline	ND		U	0.0283	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4-Chlorophenyl phenyl ether	ND		U	0.0375	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4-Nitroaniline	ND		U	0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
4-Nitrophenol	ND		U	0.0533	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Acenaphthene	**0.0808**	J	J	0.0334	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Acenaphthylene	**0.0631**	J	J	0.0288	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Acetophenone	ND		U	0.0276	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Aniline	ND		U	0.0392	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Anthracene	**0.240**			0.0301	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Atrazine	ND		U	0.0322	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzaldehyde	ND		U	0.0328	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzidine	ND		U	0.0109	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzo(a)anthracene	**0.722**			0.0294	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzo(a)pyrene	**0.483**			0.0333	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzo(b)fluoranthene	**0.657**			0.0339	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzo(g,h,i)perylene	**0.516**			0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzo(k)fluoranthene	**0.569**			0.0333	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-01**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C2-43	**Collection Date/Time:**	8/13/26 7:50

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0379	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzyl alcohol	ND		U	0.0280	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Benzyl butyl phthalate	ND		U	0.0394	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Bis(2-chloroethoxy)methane	ND		U	0.0281	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Bis(2-chloroethyl)ether	ND		U	0.0210	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0400	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0390	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Caprolactam	ND		U	0.0440	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Carbazole	**0.0841**	J	J	0.0300	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Chrysene	**0.750**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Dibenzo(a,h)anthracene	**0.165**			0.0270	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Dibenzofuran	**0.0455**	J	J	0.0298	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Diethyl phthalate	ND		U	0.0344	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Dimethyl phthalate	ND		U	0.0309	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Di-n-butyl phthalate	ND		U	0.0380	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Di-n-octyl phthalate	ND		U	0.0289	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Fluoranthene	**1.29**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Fluorene	**0.0786**	J	J	0.0341	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Hexachlorobenzene	ND		U	0.0365	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Hexachlorobutadiene	ND	CCVE	U	0.0302	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0454	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Hexachloroethane	ND		U	0.0350	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Indeno(1,2,3-cd)pyrene	**0.532**			0.0350	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Isophorone	ND		U	0.0302	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Naphthalene	ND		U	0.0315	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Nitrobenzene	ND		U	0.0305	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
N-Nitrosodimethylamine	ND		U	0.0393	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
N-nitroso-di-n-propylamine	ND		U	0.0294	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
N-Nitrosodiphenylamine	ND		U	0.0363	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Pentachlorophenol	ND	CCVE	U	0.0402	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Phenanthrene	**0.774**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Phenol	ND		U	0.0381	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR
Pyrene	**1.32**			0.0284	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 09:30	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*38.1 %*			*20-108*	*EPA 8270E*	*8/21/26 09:30*
Surrogate: SURR: Phenol-d6	*35.8 %*			*23-114*	*EPA 8270E*	*8/21/26 09:30*
Surrogate: SURR: Nitrobenzene-d5	*37.0 %*			*22-108*	*EPA 8270E*	*8/21/26 09:30*
Surrogate: SURR: 2-Fluorobiphenyl	*27.4 %*			*21-113*	*EPA 8270E*	*8/21/26 09:30*
Surrogate: SURR: 2,4,6-Tribromophenol	*24.8 %*			*19-110*	*EPA 8270E*	*8/21/26 09:30*
Surrogate: SURR: Terphenyl-d14	*29.6 %*			*24-116*	*EPA 8270E*	*8/21/26 09:30*

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-01**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C2-43	**Collection Date/Time:**	8/13/26 7:50

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00687**		D	0.00346	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
4,4'-DDE	**0.00365**	P	DP	0.00147	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
4,4'-DDT	**0.00576**		D	0.00291	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Aldrin	ND		U	0.00116	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
alpha-BHC	ND		U	0.00502	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
alpha-Chlordane	**0.00505**	P	DP	0.00220	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
beta-BHC	ND		U	0.00576	0.00823	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
delta-BHC	ND		U	0.00510	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Dieldrin	ND		U	0.00268	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Endosulfan II	ND		U	0.00222	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Endosulfan sulfate	ND		U	0.00183	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Endrin	ND		U	0.00276	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Endrin aldehyde	ND		U	0.00411	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Endrin ketone	ND		U	0.00269	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
gamma-BHC (Lindane)	ND		U	0.00234	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
gamma-Chlordane	ND		U	0.00304	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Heptachlor	ND		U	0.00186	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Heptachlor epoxide	ND		U	0.00100	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Methoxychlor	ND		U	0.00264	0.00366	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
Toxaphene	ND		U	0.0727	0.0914	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH
* Chlordane, total	ND		U	0.0133	0.0183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:29	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*45.9 %*			*30-150*	*EPA 8081B*	*8/18/26 19:29*
Surrogate: Tetrachloro-m-xylene	*80.5 %*			*30-150*	*EPA 8081B*	*8/18/26 19:29*

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1242	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1254	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1260	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF
* Total PCBs	ND		U	0.0548	0.0548	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:34	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-01**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C2-43	**Collection Date/Time:**	8/13/26 7:50

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*68.0 %*			*30-120*	*EPA 8082A*	*8/19/26 05:34*
Surrogate: Decachlorobiphenyl	*42.0 %*			*30-120*	*EPA 8082A*	*8/19/26 05:34*

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR
Barium	**0.705**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR
Lead	**0.412**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:43	AGNR

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**8540**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Arsenic	**6.70**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Barium	**141**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Beryllium	**0.271**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Cadmium	**0.370**			0.271	0.271	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Calcium	**11000**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Chromium	**18.8**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Cobalt	**7.34**			0.360	0.360	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Copper	**26.3**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Iron	**15800**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Lead	**274**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Magnesium	**4730**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Manganese	**223**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Nickel	**27.8**			0.898	0.898	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Potassium	**1090**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Silver	ND		U	0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-01**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C2-43	**Collection Date/Time:**	8/13/26 7:50

Lab ID: **26H0771-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Metals Total** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3050B **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**148**			45.1	45.1	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Thallium	ND		U	1.08	1.81	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Vanadium	**26.5**			0.898	0.898	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR
Zinc	**154**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:13	AGNR

Lab ID: **26H0771-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Mercury Total** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 7473 soil **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.632**			0.0105	0.0330	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 12:08	LCB

Lab ID: **26H0771-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Wet Chemistry Parameters** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW846-3060A **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.201	0.550	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**7.91**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:17	JSJ
* Temperature	**22.0**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:17	JSJ
Cyanide, total	ND	QM-07	U	0.324	0.550	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:43	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:42	8/20/26 21:30	JS

Lab ID: **26H0771-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Miscellaneous Physical Parameters** **Matrix:** Soil
Prep Method: Sample Prepared by Method: % Solids Prep **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.9**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID: **26H0771-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Leachate Preparations** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals **Sample Notes:**

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-01**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C2-43	**Collection Date/Time:**	8/13/26 7:50

Lab ID:	**26H0771-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-02**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-43-G1	**Collection Date/Time:**	8/13/26 7:45

Lab ID:	**26H0771-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1,2,2-Tetrachloroethane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,1-Dichloropropylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* 1,2,4,5-Tetramethylbenzene	ND	QL-02, CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2,4-Trichlorobenzene	ND	QL-02, CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2-Dibromo-3-chloropropane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
2,2-Dichloropropane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
2-Butanone	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-02**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-43-G1	**Collection Date/Time:**	8/13/26 7:45

Lab ID:	**26H0771-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorotoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
2-Hexanone	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
4-Chlorotoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
4-Methyl-2-pentanone	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Acetone	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Acrolein	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Acrylonitrile	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Benzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Bromobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Bromochloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Bromodichloromethane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Bromoform	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Bromomethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Carbon disulfide	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Carbon tetrachloride	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Chlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Chloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Chloroform	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Chloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Cyclohexane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Dibromochloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Dibromomethane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Dichlorodifluoromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0042	0.0084	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* Ethanol	ND		U	0.042	0.084	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Ethyl Benzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0042	0.0084	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Hexachlorobutadiene	ND	QL-02, CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* Iodomethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Isopropylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Methyl acetate	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Methylcyclohexane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Methylene chloride	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0026	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
n-Butylbenzene	ND	QL-02, CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
n-Propylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
o-Xylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
p- & m- Xylenes	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-02**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-43-G1	**Collection Date/Time:**	8/13/26 7:45

Lab ID:	**26H0771-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* p-Diethylbenzene	ND	CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* p-Ethyltoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
p-Isopropyltoluene	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
sec-Butylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Styrene	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.042	0.084	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0042	0.0084	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
tert-Butylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Tetrachloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* Tetrahydrofuran	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Toluene	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
* trans-1,4-dichloro-2-butene	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Trichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Vinyl acetate	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Vinyl Chloride	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS
Xylenes, Total	ND		U	0.0079	0.016	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 05:56	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/24/26 05:56*
Surrogate: SURR: Toluene-d8	*87.0 %*			*85-120*	*EPA 8260D*	*8/24/26 05:56*
Surrogate: SURR: p-Bromofluorobenzene	*109 %*			*76-130*	*EPA 8260D*	*8/24/26 05:56*

Lab ID:	**26H0771-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.9**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:25	8/17/26 13:40	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0386	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0316	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0342	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
1,2-Dichlorobenzene	ND		U	0.0295	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0297	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
1,3-Dichlorobenzene	ND		U	0.0345	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
1,4-Dichlorobenzene	ND		U	0.0284	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0446	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,4,5-Trichlorophenol	ND		U	0.0442	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,4,6-Trichlorophenol	ND		U	0.0286	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,4-Dichlorophenol	ND		U	0.0325	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,4-Dimethylphenol	ND		U	0.0404	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,4-Dinitrophenol	ND		U	0.0363	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,4-Dinitrotoluene	ND		U	0.0354	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2,6-Dinitrotoluene	ND		U	0.0388	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2-Chloronaphthalene	ND		U	0.0310	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2-Chlorophenol	ND		U	0.0278	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2-Methylnaphthalene	**0.0387**	J	J	0.0285	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2-Methylphenol	ND		U	0.0297	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2-Nitroaniline	ND		U	0.0263	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
2-Nitrophenol	ND		U	0.0415	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
* 3- & 4-Methylphenols	ND		U	0.0291	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
3,3-Dichlorobenzidine	ND		U	0.0286	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
3-Nitroaniline	ND		U	0.0354	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0487	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4-Bromophenyl phenyl ether	ND		U	0.0384	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4-Chloro-3-methylphenol	ND		U	0.0308	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4-Chloroaniline	ND		U	0.0293	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4-Chlorophenyl phenyl ether	ND		U	0.0387	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4-Nitroaniline	ND		U	0.0334	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
4-Nitrophenol	ND		U	0.0550	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Acenaphthene	**0.315**			0.0345	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Acenaphthylene	**0.169**			0.0298	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Acetophenone	ND		U	0.0285	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Aniline	ND		U	0.0405	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Anthracene	**0.814**			0.0311	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Atrazine	ND		U	0.0333	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzaldehyde	ND		U	0.0339	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzidine	ND		U	0.0113	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzo(a)anthracene	**2.18**		D	0.152	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD
Benzo(a)pyrene	**1.22**			0.0344	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzo(b)fluoranthene	**2.05**		D	0.175	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD
Benzo(g,h,i)perylene	**1.03**			0.0333	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzo(k)fluoranthene	**1.55**		D	0.172	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0392	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzyl alcohol	ND		U	0.0289	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Benzyl butyl phthalate	ND		U	0.0406	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Bis(2-chloroethoxy)methane	ND		U	0.0290	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Bis(2-chloroethyl)ether	ND		U	0.0216	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0413	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Bis(2-ethylhexyl)phthalate	**0.0875**	J	J	0.0402	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Caprolactam	ND		U	0.0454	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Carbazole	**0.253**			0.0310	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Chrysene	**1.92**		D	0.150	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD
Dibenzo(a,h)anthracene	**0.398**			0.0279	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Dibenzofuran	**0.114**			0.0308	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Diethyl phthalate	ND		U	0.0355	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Dimethyl phthalate	ND		U	0.0319	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Di-n-butyl phthalate	ND		U	0.0392	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Di-n-octyl phthalate	ND		U	0.0298	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Fluoranthene	**5.08**		D	0.150	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD
Fluorene	**0.189**			0.0352	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Hexachlorobenzene	ND		U	0.0377	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Hexachlorobutadiene	ND	CCVE	U	0.0312	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0469	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Hexachloroethane	ND		U	0.0361	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Indeno(1,2,3-cd)pyrene	**1.23**			0.0361	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Isophorone	ND		U	0.0312	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Naphthalene	ND		U	0.0325	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Nitrobenzene	ND		U	0.0315	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
N-Nitrosodimethylamine	ND		U	0.0406	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
N-nitroso-di-n-propylamine	ND		U	0.0304	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
N-Nitrosodiphenylamine	ND		U	0.0375	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Pentachlorophenol	ND	CCVE	U	0.0415	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Phenanthrene	**2.01**		D	0.150	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD
Phenol	ND		U	0.0393	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:00	SR
Pyrene	**3.86**		D	0.147	0.465	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 09:40	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*71.0 %*			*20-108*	*EPA 8270E*	*8/24/26 09:40*
Surrogate: SURR: Phenol-d6	*63.6 %*			*23-114*	*EPA 8270E*	*8/24/26 09:40*
Surrogate: SURR: Nitrobenzene-d5	*83.4 %*			*22-108*	*EPA 8270E*	*8/21/26 10:00*
Surrogate: SURR: 2-Fluorobiphenyl	*64.0 %*			*21-113*	*EPA 8270E*	*8/21/26 10:00*
Surrogate: SURR: 2,4,6-Tribromophenol	*61.3 %*			*19-110*	*EPA 8270E*	*8/21/26 10:00*
Surrogate: SURR: Terphenyl-d14	*71.2 %*			*24-116*	*EPA 8270E*	*8/21/26 10:00*

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00346	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
4,4'-DDE	ND		U	0.00147	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
4,4'-DDT	ND		U	0.00291	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Aldrin	ND		U	0.00115	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
alpha-BHC	ND		U	0.00502	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
alpha-Chlordane	ND		U	0.00220	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
beta-BHC	ND		U	0.00576	0.00822	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
delta-BHC	ND		U	0.00509	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Dieldrin	ND		U	0.00268	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Endosulfan II	ND		U	0.00222	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Endosulfan sulfate	ND		U	0.00183	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Endrin	ND		U	0.00276	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Endrin aldehyde	ND		U	0.00411	0.00548	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Endrin ketone	ND		U	0.00269	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
gamma-BHC (Lindane)	ND		U	0.00234	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
gamma-Chlordane	ND		U	0.00303	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Heptachlor	ND		U	0.00186	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Heptachlor epoxide	ND		U	0.00100	0.00183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Methoxychlor	ND		U	0.00264	0.00365	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
Toxaphene	ND		U	0.0727	0.0913	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH
* Chlordane, total	ND		U	0.0132	0.0183	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 19:46	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*40.4 %*			*30-150*	*EPA 8081B*	*8/18/26 19:46*
Surrogate: Tetrachloro-m-xylene	*66.4 %*			*30-150*	*EPA 8081B*	*8/18/26 19:46*

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1242	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1254	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1260	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF
* Total PCBs	ND		U	0.0548	0.0548	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 05:48	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*53.0 %*			*30-120*	*EPA 8082A*	*8/19/26 05:48*
Surrogate: Decachlorobiphenyl	*39.0 %*			*30-120*	*EPA 8082A*	*8/19/26 05:48*

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR
Barium	**0.750**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR
Lead	**0.615**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:44	AGNR

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7750**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Antimony	ND		U	2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Arsenic	**5.12**			1.38	1.38	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Barium	**131**			2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Beryllium	**0.241**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Cadmium	**0.450**			0.276	0.276	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Calcium	**9850**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Chromium	**20.2**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Cobalt	**6.22**			0.367	0.367	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Copper	**43.7**			1.84	1.84	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Iron	**13500**			23.0	23.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Lead	**236**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Magnesium	**3630**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Manganese	**194**			0.460	0.460	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Nickel	**29.0**			0.915	0.915	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Potassium	**1040**			4.60	4.60	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Selenium	ND		U	2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Silver	ND		U	0.463	0.463	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**129**			46.0	46.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Thallium	ND		U	1.10	1.84	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Vanadium	**25.2**			0.915	0.915	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR
Zinc	**173**			2.29	2.29	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:14	AGNR

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.50**			0.0107	0.0336	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 12:09	LCB

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.205	0.561	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**8.17**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:18	JSJ
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:18	JSJ
Cyanide, total	ND		U	0.330	0.561	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:43	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:42	8/20/26 21:30	JS

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.2**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-03**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-CS-44	**Collection Date/Time:**	8/13/26 8:00

Lab ID:	**26H0771-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-04**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C3-44-G2	**Collection Date/Time:**	8/13/26 7:55

Lab ID:	**26H0771-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1,2,2-Tetrachloroethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* 1,2,4,5-Tetramethylbenzene	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2,4-Trichlorobenzene	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2-Dibromo-3-chloropropane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
2-Butanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-04**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C3-44-G2	**Collection Date/Time:**	8/13/26 7:55

Lab ID:	**26H0771-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
2-Hexanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
4-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Acetone	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Acrolein	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Acrylonitrile	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Bromobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Bromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Bromodichloromethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Bromoform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Bromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Carbon disulfide	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Carbon tetrachloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Chlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Chloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Chloroform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Chloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Cyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Dibromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Dibromomethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Dichlorodifluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* Ethanol	ND		U	0.044	0.089	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Ethyl Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Hexachlorobutadiene	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* Iodomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Isopropylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Methyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Methylcyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Methylene chloride	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
n-Butylbenzene	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
n-Propylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
o-Xylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
p- & m- Xylenes	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-04**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-23-C3-44-G2	**Collection Date/Time:**	8/13/26 7:55

Lab ID:	**26H0771-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* p-Diethylbenzene	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
p-Isopropyltoluene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
sec-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Styrene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.044	0.089	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0089	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
tert-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Tetrachloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* Tetrahydrofuran	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Toluene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
* trans-1,4-dichloro-2-butene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Trichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Vinyl acetate	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Vinyl Chloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS
Xylenes, Total	ND		U	0.0083	0.017	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:25	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*			*77-125*	*EPA 8260D*	*8/24/26 06:25*
Surrogate: SURR: Toluene-d8	*86.6 %*			*85-120*	*EPA 8260D*	*8/24/26 06:25*
Surrogate: SURR: p-Bromofluorobenzene	*105 %*			*76-130*	*EPA 8260D*	*8/24/26 06:25*

Lab ID:	**26H0771-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.2**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0356	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0291	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0316	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
1,2-Dichlorobenzene	ND		U	0.0272	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0274	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
1,3-Dichlorobenzene	ND		U	0.0318	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
1,4-Dichlorobenzene	ND		U	0.0262	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0412	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,4,5-Trichlorophenol	ND		U	0.0408	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,4,6-Trichlorophenol	ND		U	0.0264	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,4-Dichlorophenol	ND		U	0.0300	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,4-Dimethylphenol	ND		U	0.0373	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,4-Dinitrophenol	ND		U	0.0335	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,4-Dinitrotoluene	ND		U	0.0326	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2,6-Dinitrotoluene	ND		U	0.0358	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2-Chloronaphthalene	ND		U	0.0286	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2-Chlorophenol	ND		U	0.0256	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2-Methylnaphthalene	**0.0845**	J	J	0.0263	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2-Methylphenol	ND		U	0.0274	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2-Nitroaniline	ND		U	0.0243	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
2-Nitrophenol	ND		U	0.0383	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
* 3- & 4-Methylphenols	ND		U	0.0269	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
3,3-Dichlorobenzidine	ND		U	0.0264	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
3-Nitroaniline	ND		U	0.0326	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0449	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4-Bromophenyl phenyl ether	ND		U	0.0355	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4-Chloro-3-methylphenol	ND		U	0.0285	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4-Chloroaniline	ND		U	0.0270	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4-Chlorophenyl phenyl ether	ND		U	0.0357	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4-Nitroaniline	ND		U	0.0308	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
4-Nitrophenol	ND		U	0.0507	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Acenaphthene	**0.308**			0.0318	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Acenaphthylene	**0.0309**	J	J	0.0275	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Acetophenone	ND		U	0.0263	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Aniline	ND		U	0.0374	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Anthracene	**0.851**			0.0287	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Atrazine	ND		U	0.0307	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzaldehyde	ND		U	0.0312	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzidine	ND		U	0.0104	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzo(a)anthracene	**1.13**			0.0281	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzo(a)pyrene	**0.779**			0.0317	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzo(b)fluoranthene	**0.652**			0.0323	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzo(g,h,i)perylene	**0.326**			0.0307	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzo(k)fluoranthene	**0.664**			0.0317	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0361	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzyl alcohol	ND		U	0.0266	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Benzyl butyl phthalate	ND		U	0.0375	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Bis(2-chloroethoxy)methane	ND		U	0.0268	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Bis(2-chloroethyl)ether	ND		U	0.0200	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0381	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Bis(2-ethylhexyl)phthalate	**0.0467**	J	J	0.0371	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Caprolactam	ND		U	0.0419	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Carbazole	**0.271**			0.0286	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Chrysene	**1.02**			0.0276	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Dibenzo(a,h)anthracene	**0.131**			0.0258	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Dibenzofuran	**0.220**			0.0284	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Diethyl phthalate	ND		U	0.0327	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Dimethyl phthalate	ND		U	0.0294	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Di-n-butyl phthalate	ND		U	0.0362	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Di-n-octyl phthalate	ND		U	0.0275	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Fluoranthene	**2.39**		D	0.138	0.429	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 10:11	DD
Fluorene	**0.366**			0.0325	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Hexachlorobenzene	ND		U	0.0348	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Hexachlorobutadiene	ND	CCVE	U	0.0288	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0432	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Hexachloroethane	ND		U	0.0333	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Indeno(1,2,3-cd)pyrene	**0.380**			0.0333	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Isophorone	ND		U	0.0288	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Naphthalene	**0.0856**	J	J	0.0300	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Nitrobenzene	ND		U	0.0290	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
N-Nitrosodimethylamine	ND		U	0.0374	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
N-nitroso-di-n-propylamine	ND		U	0.0280	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
N-Nitrosodiphenylamine	ND		U	0.0346	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Pentachlorophenol	ND	CCVE	U	0.0383	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Phenanthrene	**2.40**		D	0.138	0.429	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 10:11	DD
Phenol	ND		U	0.0363	0.0859	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 10:30	SR
Pyrene	**1.73**		D	0.135	0.429	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 10:11	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*62.2 %*			*20-108*	*EPA 8270E*	*8/21/26 10:30*
Surrogate: SURR: Phenol-d6	*57.9 %*			*23-114*	*EPA 8270E*	*8/21/26 10:30*
Surrogate: SURR: Nitrobenzene-d5	*61.1 %*			*22-108*	*EPA 8270E*	*8/21/26 10:30*
Surrogate: SURR: 2-Fluorobiphenyl	*44.3 %*			*21-113*	*EPA 8270E*	*8/21/26 10:30*
Surrogate: SURR: 2,4,6-Tribromophenol	*40.3 %*			*19-110*	*EPA 8270E*	*8/21/26 10:30*
Surrogate: SURR: Terphenyl-d14	*48.6 %*			*24-116*	*EPA 8270E*	*8/21/26 10:30*

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00363**		D	0.00325	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
4,4'-DDE	ND		U	0.00138	0.00172	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
4,4'-DDT	ND		U	0.00274	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Aldrin	ND		U	0.00109	0.00172	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
alpha-BHC	ND		U	0.00472	0.00515	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
alpha-Chlordane	**0.00617**		D	0.00207	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
beta-BHC	ND		U	0.00542	0.00773	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
delta-BHC	ND		U	0.00479	0.00515	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Dieldrin	ND		U	0.00252	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Endosulfan I	ND		U	0.00129	0.00172	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Endosulfan II	ND		U	0.00209	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Endosulfan sulfate	ND		U	0.00172	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Endrin	ND		U	0.00259	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Endrin aldehyde	ND		U	0.00387	0.00515	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Endrin ketone	ND		U	0.00253	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
gamma-BHC (Lindane)	ND		U	0.00220	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
gamma-Chlordane	**0.00347**		D	0.00285	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Heptachlor	ND		U	0.00175	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Heptachlor epoxide	ND		U	0.000944	0.00172	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Methoxychlor	ND		U	0.00248	0.00344	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
Toxaphene	ND		U	0.0683	0.0859	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH
* Chlordane, total	ND		U	0.0125	0.0172	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:03	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*44.5 %*			*30-150*	*EPA 8081B*	*8/18/26 20:03*
Surrogate: Tetrachloro-m-xylene	*77.1 %*			*30-150*	*EPA 8081B*	*8/18/26 20:03*

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1221	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1232	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1242	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1248	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1254	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1260	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1262	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
Aroclor 1268	ND		U	0.0172	0.0172	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF
* Total PCBs	ND		U	0.0515	0.0515	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:02	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*67.5 %*			*30-120*	*EPA 8082A*	*8/19/26 06:02*
Surrogate: Decachlorobiphenyl	*41.0 %*			*30-120*	*EPA 8082A*	*8/19/26 06:02*

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR
Lead	**0.135**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:46	AGNR

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**3570**			4.24	4.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Antimony	ND		U	2.12	2.12	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Arsenic	**2.21**			1.27	1.27	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Barium	**48.4**			2.12	2.12	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Beryllium	**0.086**			0.043	0.043	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Cadmium	ND		U	0.254	0.254	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Calcium	**2730**			4.24	4.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Chromium	**8.96**			0.424	0.424	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Cobalt	**2.99**			0.339	0.339	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Copper	**16.1**			1.70	1.70	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Iron	**7590**			21.2	21.2	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Lead	**72.5**			0.424	0.424	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Magnesium	**1570**			4.24	4.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Manganese	**101**			0.424	0.424	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Nickel	**13.4**			0.844	0.844	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Potassium	**533**			4.24	4.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Selenium	ND		U	2.12	2.12	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Silver	ND		U	0.427	0.427	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**75.1**			42.4	42.4	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Thallium	ND		U	1.02	1.70	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Vanadium	**14.7**			0.844	0.844	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR
Zinc	**62.6**			2.11	2.11	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:16	AGNR

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.0960**			0.00983	0.0310	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 13:58	LCB

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.189	0.517	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**7.93**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:25	JSJ
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:25	JSJ
Cyanide, total	ND		U	0.304	0.517	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:43	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:42	8/20/26 21:30	JS

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**96.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/17/26 11:20	8/17/26 19:10	JMT

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-05**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45	**Collection Date/Time:**	8/13/26 12:40

Lab ID:	**26H0771-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-06**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45-G3	**Collection Date/Time:**	8/13/26 12:35

Lab ID:	**26H0771-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1,1-Trichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1,2,2-Tetrachloroethane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1,2-Trichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1-Dichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1-Dichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,1-Dichloropropylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2,3-Trichloropropane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* 1,2,4,5-Tetramethylbenzene	ND	QL-02, CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2,4-Trichlorobenzene	ND	QL-02, CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2,4-Trimethylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2-Dibromo-3-chloropropane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2-Dichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2-Dichloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,3,5-Trimethylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,3-Dichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
1,4-Dichlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
2,2-Dichloropropane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
2-Butanone	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
2-Chloroethylvinyl ether	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-06**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45-G3	**Collection Date/Time:**	8/13/26 12:35

Lab ID:	**26H0771-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorotoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
2-Hexanone	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
4-Chlorotoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
4-Methyl-2-pentanone	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Acetone	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Acrolein	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Acrylonitrile	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Benzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Bromobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Bromochloromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Bromodichloromethane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Bromoform	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Bromomethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Carbon disulfide	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Carbon tetrachloride	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Chlorobenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Chloroethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Chloroform	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Chloromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
cis-1,2-Dichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Cyclohexane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Dibromochloromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Dibromomethane	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Dichlorodifluoromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* Ethanol	ND		U	0.048	0.096	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Ethyl Benzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Hexachlorobutadiene	ND	QL-02, CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* Iodomethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Isopropylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Methyl acetate	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Methylcyclohexane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Methylene chloride	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0030	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
n-Butylbenzene	ND	QL-02, CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
n-Propylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
o-Xylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
p- & m- Xylenes	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-06**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-22-CS-45-G3	**Collection Date/Time:**	8/13/26 12:35

Lab ID:	**26H0771-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* p-Diethylbenzene	ND	CCVE	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* p-Ethyltoluene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
p-Isopropyltoluene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
sec-Butylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Styrene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.048	0.096	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0048	0.0096	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
tert-Butyl alcohol (TBA)	ND		U	0.015	0.030	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
tert-Butylbenzene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Tetrachloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* Tetrahydrofuran	ND		U	0.0060	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Toluene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
trans-1,2-Dichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
trans-1,3-Dichloropropylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
* trans-1,4-dichloro-2-butene	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Trichloroethylene	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Trichlorofluoromethane	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Vinyl acetate	ND	QL-02	U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Vinyl Chloride	ND		U	0.0030	0.0060	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS
Xylenes, Total	ND		U	0.0090	0.018	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 06:54	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/24/26 06:54*
Surrogate: SURR: Toluene-d8	*86.5 %*			*85-120*	*EPA 8260D*	*8/24/26 06:54*
Surrogate: SURR: p-Bromofluorobenzene	*108 %*			*76-130*	*EPA 8260D*	*8/24/26 06:54*

Lab ID:	**26H0771-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.5**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0375	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0307	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0333	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
1,2-Dichlorobenzene	ND		U	0.0287	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0289	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
1,3-Dichlorobenzene	ND		U	0.0335	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
1,4-Dichlorobenzene	ND		U	0.0276	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0434	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,4,5-Trichlorophenol	ND		U	0.0430	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,4,6-Trichlorophenol	ND		U	0.0278	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,4-Dichlorophenol	ND		U	0.0316	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,4-Dimethylphenol	ND		U	0.0393	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,4-Dinitrophenol	ND		U	0.0353	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,4-Dinitrotoluene	ND		U	0.0344	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2,6-Dinitrotoluene	ND		U	0.0377	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2-Chloronaphthalene	ND		U	0.0301	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2-Chlorophenol	ND		U	0.0270	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2-Methylnaphthalene	ND		U	0.0277	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2-Methylphenol	ND		U	0.0288	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2-Nitroaniline	ND		U	0.0256	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
2-Nitrophenol	ND		U	0.0404	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
* 3- & 4-Methylphenols	ND		U	0.0283	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
3,3-Dichlorobenzidine	ND		U	0.0278	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
3-Nitroaniline	ND		U	0.0344	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0473	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4-Bromophenyl phenyl ether	ND		U	0.0374	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4-Chloro-3-methylphenol	ND		U	0.0300	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4-Chloroaniline	ND		U	0.0284	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4-Chlorophenyl phenyl ether	ND		U	0.0376	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4-Nitroaniline	ND		U	0.0324	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
4-Nitrophenol	ND		U	0.0535	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Acenaphthene	**0.0391**	J	J	0.0335	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Acenaphthylene	ND		U	0.0289	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Acetophenone	ND		U	0.0277	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Aniline	ND		U	0.0394	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Anthracene	**0.0883**	J	J	0.0302	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Atrazine	ND		U	0.0323	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzaldehyde	ND		U	0.0329	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzidine	ND		U	0.0109	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzo(a)anthracene	**0.298**			0.0296	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzo(a)pyrene	**0.157**			0.0334	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzo(b)fluoranthene	**0.217**			0.0340	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzo(g,h,i)perylene	**0.116**			0.0324	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzo(k)fluoranthene	**0.211**			0.0334	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CCVE	U	0.0381	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzyl alcohol	ND		U	0.0281	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Benzyl butyl phthalate	ND		U	0.0395	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Bis(2-chloroethoxy)methane	ND		U	0.0282	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Bis(2-chloroethyl)ether	ND		U	0.0210	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0401	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Bis(2-ethylhexyl)phthalate	**1.88**		D	0.195	0.452	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 10:42	DD
Caprolactam	ND		U	0.0441	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Carbazole	ND		U	0.0301	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Chrysene	**0.278**			0.0291	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Dibenzo(a,h)anthracene	**0.0460**	J	J	0.0271	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Dibenzofuran	ND		U	0.0299	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Diethyl phthalate	ND		U	0.0345	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Dimethyl phthalate	ND		U	0.0310	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Di-n-butyl phthalate	**0.714**			0.0381	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Di-n-octyl phthalate	ND		U	0.0290	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Fluoranthene	**0.505**			0.0291	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Fluorene	ND		U	0.0342	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Hexachlorobenzene	ND		U	0.0367	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Hexachlorobutadiene	ND	CCVE	U	0.0303	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0455	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Hexachloroethane	ND		U	0.0351	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Indeno(1,2,3-cd)pyrene	**0.135**			0.0351	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Isophorone	ND		U	0.0303	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Naphthalene	ND		U	0.0316	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Nitrobenzene	ND		U	0.0306	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
N-Nitrosodimethylamine	ND		U	0.0394	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
N-nitroso-di-n-propylamine	ND		U	0.0295	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
N-Nitrosodiphenylamine	ND		U	0.0365	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Pentachlorophenol	ND	CCVE	U	0.0403	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Phenanthrene	**0.245**			0.0291	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Phenol	ND		U	0.0382	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR
Pyrene	**0.560**			0.0285	0.0905	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:00	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*56.2 %*			*20-108*	*EPA 8270E*	*8/21/26 11:00*
Surrogate: SURR: Phenol-d6	*52.8 %*			*23-114*	*EPA 8270E*	*8/21/26 11:00*
Surrogate: SURR: Nitrobenzene-d5	*56.6 %*			*22-108*	*EPA 8270E*	*8/21/26 11:00*
Surrogate: SURR: 2-Fluorobiphenyl	*45.2 %*			*21-113*	*EPA 8270E*	*8/21/26 11:00*
Surrogate: SURR: 2,4,6-Tribromophenol	*42.0 %*			*19-110*	*EPA 8270E*	*8/21/26 11:00*
Surrogate: SURR: Terphenyl-d14	*48.3 %*			*24-116*	*EPA 8270E*	*8/21/26 11:00*

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0272**		D	0.00343	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
4,4'-DDE	**0.0149**		D	0.00146	0.00181	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
4,4'-DDT	**0.00595**	P	DP	0.00288	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Aldrin	ND		U	0.00114	0.00181	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
alpha-BHC	ND		U	0.00498	0.00543	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
alpha-Chlordane [2C]	**0.0193**	P	DP	0.00218	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
beta-BHC	ND		U	0.00571	0.00815	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
delta-BHC	ND		U	0.00505	0.00543	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Dieldrin	ND		U	0.00266	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Endosulfan I	ND		U	0.00136	0.00181	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Endosulfan II	ND		U	0.00220	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Endosulfan sulfate	ND		U	0.00181	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Endrin	ND		U	0.00273	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Endrin aldehyde	ND		U	0.00407	0.00543	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Endrin ketone	ND		U	0.00267	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
gamma-BHC (Lindane)	ND		U	0.00232	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
gamma-Chlordane	**0.0229**		D	0.00301	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Heptachlor	ND		U	0.00185	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Heptachlor epoxide	ND		U	0.000994	0.00181	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Methoxychlor	ND		U	0.00261	0.00362	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
Toxaphene	ND		U	0.0720	0.0905	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH
* Chlordane, total	ND		U	0.0131	0.0181	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 12:55	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*62.4 %*			*30-150*	*EPA 8081B*	*8/19/26 12:55*
Surrogate: Tetrachloro-m-xylene	*89.8 %*			*30-150*	*EPA 8081B*	*8/19/26 12:55*

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1221	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1232	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1242	**0.0368**			0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1248	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1254	**0.0720**	B	B	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1260	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1262	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
Aroclor 1268	ND		U	0.0181	0.0181	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF
* Total PCBs	**0.109**			0.0543	0.0543	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:15	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*63.0 %*			*30-120*	*EPA 8082A*	*8/19/26 06:15*
Surrogate: Decachlorobiphenyl	*40.5 %*			*30-120*	*EPA 8082A*	*8/19/26 06:15*

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR
Barium	**0.898**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR
Lead	**0.320**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:47	AGNR

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6930**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Antimony	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Arsenic	**3.85**			1.34	1.34	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Barium	**86.8**			2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Beryllium	**0.210**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Cadmium	**0.277**			0.268	0.268	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Calcium	**13800**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Chromium	**17.2**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Cobalt	**7.08**			0.357	0.357	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Copper	**23.2**			1.79	1.79	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Iron	**12400**			22.3	22.3	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Lead	**145**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Magnesium	**4290**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Manganese	**386**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Nickel	**39.0**			0.890	0.890	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Potassium	**1250**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Selenium	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Silver	ND		U	0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**153**			44.7	44.7	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Thallium	ND		U	1.07	1.79	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Vanadium	**24.5**			0.890	0.890	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR
Zinc	**115**			2.22	2.22	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:17	AGNR

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.610**			0.0104	0.0327	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 13:58	LCB

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.199	0.545	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**8.13**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:26	JSJ
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:26	JSJ
Cyanide, total	ND		U	0.321	0.545	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:43	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:42	8/20/26 21:30	JS

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.8**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-07**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46	**Collection Date/Time:**	8/13/26 9:00

Lab ID:	**26H0771-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-08**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46-G3	**Collection Date/Time:**	8/13/26 8:55

Lab ID:	**26H0771-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1,2,2-Tetrachloroethane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* 1,2,4,5-Tetramethylbenzene	ND	QL-02, CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2,4-Trichlorobenzene	ND	QL-02, CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2-Dibromo-3-chloropropane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
2-Butanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-08**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46-G3	**Collection Date/Time:**	8/13/26 8:55

Lab ID:	**26H0771-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorotoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
2-Hexanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
4-Chlorotoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Acetone	**0.029**			0.0055	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Acrolein	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Acrylonitrile	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Bromobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Bromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Bromodichloromethane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Bromoform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Bromomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Carbon disulfide	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Carbon tetrachloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Chlorobenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Chloroethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Chloroform	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Chloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Cyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Dibromochloromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Dibromomethane	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Dichlorodifluoromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0088	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* Ethanol	ND		U	0.044	0.088	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Ethyl Benzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0044	0.0088	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Hexachlorobutadiene	ND	QL-02, CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* Iodomethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Isopropylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Methyl acetate	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Methylcyclohexane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Methylene chloride	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
n-Butylbenzene	ND	QL-02, CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
n-Propylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
o-Xylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
p- & m- Xylenes	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-08**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-46-G3	**Collection Date/Time:**	8/13/26 8:55

Lab ID:	**26H0771-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* p-Diethylbenzene	ND	CCVE	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
p-Isopropyltoluene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
sec-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Styrene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.044	0.088	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0088	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
tert-Butylbenzene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Tetrachloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* Tetrahydrofuran	ND		U	0.0055	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Toluene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
* trans-1,4-dichloro-2-butene	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Trichloroethylene	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Vinyl acetate	ND	QL-02	U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Vinyl Chloride	ND		U	0.0028	0.0055	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS
Xylenes, Total	ND		U	0.0083	0.017	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:23	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/24/26 07:23*
Surrogate: SURR: Toluene-d8	*86.4 %*			*85-120*	*EPA 8260D*	*8/24/26 07:23*
Surrogate: SURR: p-Bromofluorobenzene	*105 %*			*76-130*	*EPA 8260D*	*8/24/26 07:23*

Lab ID:	**26H0771-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.0**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0380	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0311	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0338	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
1,2-Dichlorobenzene	ND		U	0.0291	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0293	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
1,3-Dichlorobenzene	ND		U	0.0340	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
1,4-Dichlorobenzene	ND		U	0.0280	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0440	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,4,5-Trichlorophenol	ND		U	0.0436	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,4,6-Trichlorophenol	ND		U	0.0282	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,4-Dichlorophenol	ND		U	0.0321	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,4-Dimethylphenol	ND		U	0.0399	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,4-Dinitrophenol	ND		U	0.0358	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,4-Dinitrotoluene	ND		U	0.0348	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2,6-Dinitrotoluene	ND		U	0.0382	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2-Chloronaphthalene	ND		U	0.0305	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2-Chlorophenol	ND		U	0.0274	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2-Methylnaphthalene	ND		U	0.0281	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2-Methylphenol	ND		U	0.0292	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2-Nitroaniline	ND		U	0.0259	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
2-Nitrophenol	ND		U	0.0409	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
* 3- & 4-Methylphenols	ND		U	0.0287	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
3,3-Dichlorobenzidine	ND		U	0.0282	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
3-Nitroaniline	ND		U	0.0348	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0480	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4-Bromophenyl phenyl ether	ND		U	0.0379	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4-Chloro-3-methylphenol	ND		U	0.0304	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4-Chloroaniline	ND		U	0.0289	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4-Chlorophenyl phenyl ether	ND		U	0.0381	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4-Nitroaniline	ND		U	0.0329	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
4-Nitrophenol	ND		U	0.0542	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Acenaphthene	**0.0565**	J	J	0.0340	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Acenaphthylene	ND		U	0.0293	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Acetophenone	ND		U	0.0281	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Aniline	ND		U	0.0399	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Anthracene	**0.117**			0.0307	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Atrazine	ND		U	0.0328	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzaldehyde	ND		U	0.0334	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzidine	ND		U	0.0111	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzo(a)anthracene	**0.308**			0.0300	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzo(a)pyrene	**0.151**			0.0339	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzo(b)fluoranthene	**0.221**			0.0345	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzo(g,h,i)perylene	**0.117**			0.0328	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzo(k)fluoranthene	**0.201**			0.0339	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0386	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzyl alcohol	ND		U	0.0285	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Benzyl butyl phthalate	ND		U	0.0401	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Bis(2-chloroethoxy)methane	ND		U	0.0286	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Bis(2-chloroethyl)ether	ND		U	0.0213	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0407	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0396	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Caprolactam	ND		U	0.0447	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Carbazole	**0.0540**	J	J	0.0306	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Chrysene	**0.277**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Dibenzo(a,h)anthracene	**0.0466**	J	J	0.0275	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Dibenzofuran	ND		U	0.0304	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Diethyl phthalate	ND		U	0.0350	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Dimethyl phthalate	ND		U	0.0314	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Di-n-butyl phthalate	ND		U	0.0386	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Di-n-octyl phthalate	ND		U	0.0294	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Fluoranthene	**0.536**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Fluorene	**0.0415**	J	J	0.0347	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Hexachlorobenzene	ND		U	0.0372	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Hexachlorobutadiene	ND	CCVE	U	0.0307	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0462	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Hexachloroethane	ND		U	0.0356	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Indeno(1,2,3-cd)pyrene	**0.135**			0.0356	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Isophorone	ND		U	0.0308	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Naphthalene	ND		U	0.0321	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Nitrobenzene	ND		U	0.0310	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
N-Nitrosodimethylamine	ND		U	0.0400	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
N-nitroso-di-n-propylamine	ND		U	0.0300	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
N-Nitrosodiphenylamine	ND		U	0.0370	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Pentachlorophenol	ND	CCVE	U	0.0409	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Phenanthrene	**0.400**			0.0295	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Phenol	ND		U	0.0388	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR
Pyrene	**0.583**			0.0289	0.0918	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:30	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*50.3 %*			*20-108*	*EPA 8270E*	*8/21/26 11:30*
Surrogate: SURR: Phenol-d6	*47.1 %*			*23-114*	*EPA 8270E*	*8/21/26 11:30*
Surrogate: SURR: Nitrobenzene-d5	*49.5 %*			*22-108*	*EPA 8270E*	*8/21/26 11:30*
Surrogate: SURR: 2-Fluorobiphenyl	*37.5 %*			*21-113*	*EPA 8270E*	*8/21/26 11:30*
Surrogate: SURR: 2,4,6-Tribromophenol	*35.2 %*			*19-110*	*EPA 8270E*	*8/21/26 11:30*
Surrogate: SURR: Terphenyl-d14	*42.4 %*			*24-116*	*EPA 8270E*	*8/21/26 11:30*

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00524**		D	0.00355	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
4,4'-DDE	**0.00293**	P	DP	0.00151	0.00187	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
4,4'-DDT	**0.00611**		D	0.00298	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Aldrin	ND		U	0.00118	0.00187	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
alpha-BHC	ND		U	0.00515	0.00562	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
alpha-Chlordane	**0.0151**		D	0.00225	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
beta-BHC	ND		U	0.00590	0.00843	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
delta-BHC	ND		U	0.00522	0.00562	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Dieldrin	ND		U	0.00275	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Endosulfan I	ND		U	0.00140	0.00187	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Endosulfan II	ND		U	0.00227	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Endosulfan sulfate	ND		U	0.00187	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Endrin	ND		U	0.00283	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Endrin aldehyde	ND		U	0.00421	0.00562	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Endrin ketone	ND		U	0.00276	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
gamma-BHC (Lindane)	ND		U	0.00240	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
gamma-Chlordane	**0.00928**		D	0.00311	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Heptachlor	ND		U	0.00191	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Heptachlor epoxide	ND		U	0.00103	0.00187	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Methoxychlor	ND		U	0.00270	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
Toxaphene	ND		U	0.0745	0.0936	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH
* Chlordane, total	ND		U	0.0136	0.0187	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/18/26 20:37	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*47.5 %*			*30-150*	*EPA 8081B*	*8/18/26 20:37*
Surrogate: Tetrachloro-m-xylene	*85.6 %*			*30-150*	*EPA 8081B*	*8/18/26 20:37*

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1221	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1232	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1242	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1248	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1254	**0.0202**	B	B	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1260	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1262	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
Aroclor 1268	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF
* Total PCBs	ND		U	0.0562	0.0562	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:29	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*68.5 %*			*30-120*	*EPA 8082A*	*8/19/26 06:29*
Surrogate: Decachlorobiphenyl	*42.0 %*			*30-120*	*EPA 8082A*	*8/19/26 06:29*

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR
Barium	**0.808**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR
Lead	**0.288**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:49	AGNR

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7220**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Antimony	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Arsenic	**3.95**			1.41	1.41	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Barium	**84.8**			2.34	2.34	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Beryllium	**0.190**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Cadmium	**0.338**			0.282	0.282	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Calcium	**4090**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Chromium	**18.9**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Cobalt	**6.90**			0.375	0.375	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Copper	**29.1**			1.88	1.88	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Iron	**12700**			23.5	23.5	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Lead	**110**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Magnesium	**3090**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Manganese	**228**			0.470	0.470	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Nickel	**42.7**			0.936	0.936	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Potassium	**1250**			4.70	4.70	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Selenium	ND		U	2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Silver	ND		U	0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**144**			47.0	47.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Thallium	ND		U	1.13	1.88	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Vanadium	**28.8**			0.936	0.936	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR
Zinc	**92.1**			2.34	2.34	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:19	AGNR

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.681**			0.0107	0.0338	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 14:52	LCB

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.206	0.564	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**8.03**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:27	JSJ
* Temperature	**22.7**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:27	JSJ
Cyanide, total	ND		U	0.332	0.564	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:43	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:42	8/20/26 21:30	JS

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-09**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47	**Collection Date/Time:**	8/13/26 9:15

Lab ID:	**26H0771-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-10**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47-G4	**Collection Date/Time:**	8/13/26 9:10

Lab ID:	**26H0771-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1,1-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1,2,2-Tetrachloroethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1,2-Trichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,1-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2,3-Trichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* 1,2,4,5-Tetramethylbenzene	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2,4-Trichlorobenzene	ND	QL-02, CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2,4-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2-Dibromo-3-chloropropane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2-Dibromoethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2-Dichloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,3,5-Trimethylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,3-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,3-Dichloropropane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
1,4-Dichlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
2,2-Dichloropropane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
2-Butanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
2-Chloroethylvinyl ether	ND		U	0.011	0.023	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-10**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47-G4	**Collection Date/Time:**	8/13/26 9:10

Lab ID:	**26H0771-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
2-Hexanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
4-Chlorotoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
4-Methyl-2-pentanone	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Acetone	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Acrolein	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Acrylonitrile	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Bromobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Bromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Bromodichloromethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Bromoform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Bromomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Carbon disulfide	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Carbon tetrachloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Chlorobenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Chloroethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Chloroform	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Chloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
cis-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Cyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Dibromochloromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Dibromomethane	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Dichlorodifluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0045	0.0090	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* Ethanol	ND		U	0.045	0.090	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Ethyl Benzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0045	0.0090	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Hexachlorobutadiene	ND	CCVE, QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* Iodomethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Isopropylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Methyl acetate	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Methyl Methacrylate	ND	CCVE, QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Methylcyclohexane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Methylene chloride	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Naphthalene	ND	CCVE, QL-02	U	0.0028	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
n-Butylbenzene	ND	CCVE, QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
n-Propylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
o-Xylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
p- & m- Xylenes	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-10**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-47-G4	**Collection Date/Time:**	8/13/26 9:10

Lab ID:	**26H0771-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* p-Diethylbenzene	ND	CCVE	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* p-Ethyltoluene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
p-Isopropyltoluene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
sec-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Styrene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.045	0.090	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0045	0.0090	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
tert-Butyl alcohol (TBA)	ND		U	0.014	0.028	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
tert-Butylbenzene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Tetrachloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* Tetrahydrofuran	ND		U	0.0056	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Toluene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
trans-1,2-Dichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
trans-1,3-Dichloropropylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
* trans-1,4-dichloro-2-butene	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Trichloroethylene	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Trichlorofluoromethane	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Vinyl acetate	ND	QL-02	U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Vinyl Chloride	ND		U	0.0028	0.0056	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS
Xylenes, Total	ND		U	0.0085	0.017	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/24/26 07:52	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/24/26 07:52*
Surrogate: SURR: Toluene-d8	*85.3 %*			*85-120*	*EPA 8260D*	*8/24/26 07:52*
Surrogate: SURR: p-Bromofluorobenzene	*105 %*			*76-130*	*EPA 8260D*	*8/24/26 07:52*

Lab ID:	**26H0771-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**85.9**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0387	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0316	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0343	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
1,2-Dichlorobenzene	ND		U	0.0296	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0298	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
1,3-Dichlorobenzene	ND		U	0.0345	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
1,4-Dichlorobenzene	ND		U	0.0284	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0447	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,4,5-Trichlorophenol	ND		U	0.0443	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,4,6-Trichlorophenol	ND		U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,4-Dichlorophenol	ND		U	0.0326	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,4-Dimethylphenol	ND		U	0.0405	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,4-Dinitrophenol	ND		U	0.0364	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,4-Dinitrotoluene	ND		U	0.0354	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2,6-Dinitrotoluene	ND		U	0.0388	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2-Chloronaphthalene	ND		U	0.0310	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2-Chlorophenol	ND		U	0.0278	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2-Methylnaphthalene	ND		U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2-Methylphenol	ND		U	0.0297	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2-Nitroaniline	ND		U	0.0264	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
2-Nitrophenol	ND		U	0.0416	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
* 3- & 4-Methylphenols	ND		U	0.0292	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
3,3-Dichlorobenzidine	ND		U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
3-Nitroaniline	ND		U	0.0354	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0487	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4-Bromophenyl phenyl ether	ND		U	0.0385	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4-Chloro-3-methylphenol	ND		U	0.0309	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4-Chloroaniline	ND		U	0.0293	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4-Chlorophenyl phenyl ether	ND		U	0.0388	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4-Nitroaniline	ND		U	0.0334	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
4-Nitrophenol	ND		U	0.0551	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Acenaphthene	**0.106**			0.0345	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Acenaphthylene	**0.0381**	J	J	0.0298	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Acetophenone	ND		U	0.0286	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Aniline	ND		U	0.0406	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Anthracene	**0.225**			0.0312	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Atrazine	ND		U	0.0333	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzaldehyde	ND		U	0.0339	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzidine	ND		U	0.0113	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzo(a)anthracene	**0.679**			0.0305	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzo(a)pyrene	**0.338**			0.0344	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzo(b)fluoranthene	**0.485**			0.0351	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzo(g,h,i)perylene	**0.259**			0.0334	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzo(k)fluoranthene	**0.431**			0.0345	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0392	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzyl alcohol	ND		U	0.0289	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Benzyl butyl phthalate	**0.0672**	J	J	0.0407	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Bis(2-chloroethoxy)methane	ND		U	0.0291	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Bis(2-chloroethyl)ether	ND		U	0.0217	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0414	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0403	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Caprolactam	ND		U	0.0455	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Carbazole	**0.0817**	J	J	0.0311	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Chrysene	**0.656**			0.0300	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Dibenzo(a,h)anthracene	**0.0952**			0.0280	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Dibenzofuran	**0.0347**	J	J	0.0309	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Diethyl phthalate	ND		U	0.0355	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Dimethyl phthalate	ND		U	0.0319	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Di-n-butyl phthalate	ND		U	0.0393	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Di-n-octyl phthalate	ND		U	0.0299	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Fluoranthene	**1.18**			0.0300	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Fluorene	**0.0772**	J	J	0.0353	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Hexachlorobenzene	ND		U	0.0378	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Hexachlorobutadiene	ND	CCVE	U	0.0312	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0469	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Hexachloroethane	ND		U	0.0362	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Indeno(1,2,3-cd)pyrene	**0.289**			0.0362	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Isophorone	ND		U	0.0313	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Naphthalene	ND		U	0.0326	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Nitrobenzene	ND		U	0.0315	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
N-Nitrosodimethylamine	ND		U	0.0406	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
N-nitroso-di-n-propylamine	ND		U	0.0304	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
N-Nitrosodiphenylamine	ND		U	0.0376	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Pentachlorophenol	ND	CCVE	U	0.0416	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Phenanthrene	**0.752**			0.0300	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Phenol	ND		U	0.0394	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR
Pyrene	**1.31**			0.0294	0.0932	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 11:59	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Nitrobenzene-d5	*90.1 %*			*22-108*	*EPA 8270E*	*8/21/26 11:59*
Surrogate: SURR: 2-Fluorobiphenyl	*71.3 %*			*21-113*	*EPA 8270E*	*8/21/26 11:59*
Surrogate: SURR: 2,4,6-Tribromophenol	*63.2 %*			*19-110*	*EPA 8270E*	*8/21/26 11:59*
Surrogate: SURR: Terphenyl-d14	*78.8 %*			*24-116*	*EPA 8270E*	*8/21/26 11:59*

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0157**		D	0.00359	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
4,4'-DDE	**0.00647**	P	DP	0.00153	0.00190	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
4,4'-DDT	**0.00461**		D	0.00302	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Aldrin	ND		U	0.00120	0.00190	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
alpha-BHC	ND		U	0.00521	0.00569	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
alpha-Chlordane	**0.00966**		D	0.00228	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
beta-BHC	ND		U	0.00598	0.00854	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
delta-BHC	ND		U	0.00529	0.00569	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Dieldrin	ND		U	0.00278	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Endosulfan I	ND		U	0.00142	0.00190	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Endosulfan II	ND		U	0.00230	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Endosulfan sulfate	ND		U	0.00190	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Endrin	ND		U	0.00286	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Endrin aldehyde	ND		U	0.00427	0.00569	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Endrin ketone	ND		U	0.00280	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
gamma-BHC (Lindane)	ND		U	0.00243	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
gamma-Chlordane	**0.00699**		D	0.00315	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Heptachlor	ND		U	0.00193	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Heptachlor epoxide	ND		U	0.00104	0.00190	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Methoxychlor	ND		U	0.00274	0.00379	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
Toxaphene	ND		U	0.0755	0.0949	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH
* Chlordane, total	ND		U	0.0138	0.0190	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 13:12	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*40.7 %*			*30-150*	*EPA 8081B*	*8/19/26 13:12*
Surrogate: Tetrachloro-m-xylene	*83.4 %*			*30-150*	*EPA 8081B*	*8/19/26 13:12*

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1221	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1232	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1242	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1248	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1254	**0.0191**	B	B	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1260	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1262	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
Aroclor 1268	ND		U	0.0190	0.0190	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF
* Total PCBs	ND		U	0.0569	0.0569	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:43	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.0 %*			*30-120*	*EPA 8082A*	*8/19/26 06:43*
Surrogate: Decachlorobiphenyl	*36.5 %*			*30-120*	*EPA 8082A*	*8/19/26 06:43*

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR
Barium	**0.702**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR
Lead	**0.488**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:50	AGNR

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7400**			4.76	4.76	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Antimony	ND		U	2.38	2.38	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Arsenic	**4.39**			1.43	1.43	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Barium	**101**			2.38	2.38	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Beryllium	**0.217**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Cadmium	**0.343**			0.285	0.285	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Calcium	**7630**			4.76	4.76	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Chromium	**17.5**			0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Cobalt	**6.73**			0.380	0.380	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Copper	**36.6**			1.90	1.90	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Iron	**13200**			23.8	23.8	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Lead	**190**			0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Magnesium	**2970**			4.76	4.76	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Manganese	**217**			0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Nickel	**38.1**			0.948	0.948	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Potassium	**1130**			4.76	4.76	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Selenium	ND		U	2.38	2.38	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Silver	ND		U	0.480	0.480	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**129**			47.6	47.6	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Thallium	ND		U	1.14	1.91	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Vanadium	**45.1**			0.948	0.948	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR
Zinc	**114**			2.37	2.37	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:20	AGNR

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.13**			0.0108	0.0343	1	mg/kg dry	EPA 7473	8/18/26 8:53	8/18/26 13:59	LCB

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.208	0.571	1	mg/kg dry	EPA 7196A	8/19/26 11:11	8/19/26 17:22	JMT
pH	**7.87**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:28	JSJ
* Temperature	**22.8**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:28	JSJ
Cyanide, total	ND		U	0.336	0.571	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:43	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:42	8/20/26 21:30	JS

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.6**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-11**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-48	**Collection Date/Time:**	8/13/26 9:45

Lab ID:	**26H0771-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-12**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CF-48-G5	**Collection Date/Time:**	8/13/26 9:40

Lab ID:	**26H0771-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2-Dibromoethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,3-Dichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
2-Butanone	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
2-Chlorotoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
2-Hexanone	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-12**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CF-48-G5	**Collection Date/Time:**	8/13/26 9:40

Lab ID:	**26H0771-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Acetone	**0.038**			0.0053	0.011	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Acrolein	ND	CCVE	U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Acrylonitrile	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Benzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Bromobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Bromochloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Bromodichloromethane	ND	QL-02	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Bromoform	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Bromomethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Carbon disulfide	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Carbon tetrachloride	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Chlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Chloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Chloroform	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Chloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Cyclohexane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Dibromochloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Dibromomethane	ND	QL-02	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Dichlorodifluoromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0043	0.0085	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* Ethanol	ND		U	0.043	0.085	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Ethyl Benzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0043	0.0085	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Hexachlorobutadiene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* Iodomethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Isopropylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Methyl acetate	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Methylcyclohexane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Methylene chloride	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Naphthalene	ND	QL-02	U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
n-Butylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
n-Propylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
o-Xylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
p- & m- Xylenes	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
sec-Butylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-12**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CF-48-G5	**Collection Date/Time:**	8/13/26 9:40

Lab ID:	**26H0771-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.043	0.085	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0043	0.0085	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.027	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
tert-Butylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Tetrachloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* Tetrahydrofuran	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Toluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Trichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Vinyl acetate	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Vinyl Chloride	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS
Xylenes, Total	ND		U	0.0080	0.016	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 20:49	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/25/26 20:49*
Surrogate: SURR: Toluene-d8	*91.1 %*			*85-120*	*EPA 8260D*	*8/25/26 20:49*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*			*76-130*	*EPA 8260D*	*8/25/26 20:49*

Lab ID:	**26H0771-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.3**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0376	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0308	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0334	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
1,2-Dichlorobenzene	ND		U	0.0288	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0290	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
1,3-Dichlorobenzene	ND		U	0.0336	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
1,4-Dichlorobenzene	ND		U	0.0277	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0435	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,4,5-Trichlorophenol	ND		U	0.0431	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,4,6-Trichlorophenol	ND		U	0.0279	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,4-Dichlorophenol	ND		U	0.0317	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,4-Dimethylphenol	ND		U	0.0394	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,4-Dinitrophenol	ND		U	0.0354	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,4-Dinitrotoluene	ND		U	0.0345	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2,6-Dinitrotoluene	ND		U	0.0378	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2-Chloronaphthalene	ND		U	0.0302	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2-Chlorophenol	ND		U	0.0271	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2-Methylnaphthalene	ND		U	0.0278	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2-Methylphenol	ND		U	0.0289	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2-Nitroaniline	ND		U	0.0256	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
2-Nitrophenol	ND		U	0.0405	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
* 3- & 4-Methylphenols	ND		U	0.0284	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
3,3-Dichlorobenzidine	ND		U	0.0278	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
3-Nitroaniline	ND		U	0.0345	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0474	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4-Bromophenyl phenyl ether	ND		U	0.0375	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4-Chloro-3-methylphenol	ND		U	0.0301	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4-Chloroaniline	ND		U	0.0285	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4-Chlorophenyl phenyl ether	ND		U	0.0377	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4-Nitroaniline	ND		U	0.0325	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
4-Nitrophenol	ND		U	0.0536	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Acenaphthene	**0.0701**	J	J	0.0336	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Acenaphthylene	**0.0523**	J	J	0.0290	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Acetophenone	ND		U	0.0278	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Aniline	ND		U	0.0395	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Anthracene	**0.206**			0.0303	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Atrazine	ND		U	0.0324	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzaldehyde	ND		U	0.0330	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzidine	ND		U	0.0110	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzo(a)anthracene	**0.734**			0.0296	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzo(a)pyrene	**0.558**			0.0335	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzo(b)fluoranthene	**0.544**			0.0341	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzo(g,h,i)perylene	**0.293**			0.0325	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzo(k)fluoranthene	**0.471**			0.0335	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0382	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzyl alcohol	ND		U	0.0282	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Benzyl butyl phthalate	**0.0868**	J	J	0.0396	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Bis(2-chloroethoxy)methane	ND		U	0.0283	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Bis(2-chloroethyl)ether	ND		U	0.0211	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0403	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Bis(2-ethylhexyl)phthalate	**0.0792**	J	J	0.0392	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Caprolactam	ND		U	0.0443	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Carbazole	**0.0726**	J	J	0.0302	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Chrysene	**0.732**			0.0292	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Dibenzo(a,h)anthracene	**0.111**			0.0272	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Dibenzofuran	ND		U	0.0300	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Diethyl phthalate	ND		U	0.0346	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Dimethyl phthalate	ND		U	0.0311	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Di-n-butyl phthalate	ND		U	0.0382	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Di-n-octyl phthalate	ND		U	0.0291	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Fluoranthene	**1.27**			0.0292	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Fluorene	**0.0625**	J	J	0.0343	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Hexachlorobenzene	ND		U	0.0368	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Hexachlorobutadiene	ND	CCVE	U	0.0304	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0457	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Hexachloroethane	ND		U	0.0352	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Indeno(1,2,3-cd)pyrene	**0.334**			0.0352	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Isophorone	ND		U	0.0304	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Naphthalene	ND		U	0.0317	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Nitrobenzene	ND		U	0.0307	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
N-Nitrosodimethylamine	ND		U	0.0396	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
N-nitroso-di-n-propylamine	ND		U	0.0296	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
N-Nitrosodiphenylamine	ND		U	0.0366	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Pentachlorophenol	ND	CCVE	U	0.0404	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Phenanthrene	**0.704**			0.0292	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Phenol	ND		U	0.0383	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:29	SR
Pyrene	**1.17**		D	0.0572	0.181	2	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 11:14	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*55.0 %*			*20-108*	*EPA 8270E*	*8/21/26 12:29*
Surrogate: SURR: Phenol-d6	*54.8 %*			*23-114*	*EPA 8270E*	*8/21/26 12:29*
Surrogate: SURR: Nitrobenzene-d5	*55.5 %*			*22-108*	*EPA 8270E*	*8/21/26 12:29*
Surrogate: SURR: 2-Fluorobiphenyl	*43.6 %*			*21-113*	*EPA 8270E*	*8/21/26 12:29*
Surrogate: SURR: 2,4,6-Tribromophenol	*41.4 %*			*19-110*	*EPA 8270E*	*8/21/26 12:29*
Surrogate: SURR: Terphenyl-d14	*51.4 %*			*24-116*	*EPA 8270E*	*8/21/26 12:29*

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0107**		D	0.00351	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
4,4'-DDE	**0.00407**	P	DP	0.00149	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
4,4'-DDT	**0.00393**	P	DP	0.00295	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Aldrin	ND		U	0.00117	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
alpha-BHC	ND		U	0.00509	0.00556	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
alpha-Chlordane	**0.0109**		D	0.00223	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
beta-BHC	ND		U	0.00584	0.00833	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
delta-BHC	ND		U	0.00516	0.00556	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Dieldrin	ND		U	0.00272	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Endosulfan I	ND		U	0.00139	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Endosulfan II	ND		U	0.00225	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Endosulfan sulfate	ND		U	0.00185	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Endrin	ND		U	0.00280	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Endrin aldehyde	ND		U	0.00417	0.00556	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Endrin ketone	ND		U	0.00273	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
gamma-BHC (Lindane)	ND		U	0.00238	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
gamma-Chlordane	**0.0117**	P	DP	0.00308	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Heptachlor	ND		U	0.00189	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Heptachlor epoxide	ND		U	0.00102	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Methoxychlor	ND		U	0.00267	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
Toxaphene	ND		U	0.0737	0.0926	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH
* Chlordane, total	ND		U	0.0134	0.0185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:29	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*47.2 %*			*30-150*	*EPA 8081B*	*8/19/26 10:29*
Surrogate: Tetrachloro-m-xylene	*106 %*			*30-150*	*EPA 8081B*	*8/19/26 10:29*

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1221	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1232	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1242	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1248	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1254	**0.0230**	B	B	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1260	**0.0205**			0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1262	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
Aroclor 1268	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF
* Total PCBs	ND		U	0.0556	0.0556	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 06:57	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*69.0 %*			*30-120*	*EPA 8082A*	*8/19/26 06:57*
Surrogate: Decachlorobiphenyl	*41.0 %*			*30-120*	*EPA 8082A*	*8/19/26 06:57*

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR
Barium	**0.845**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR
Lead	**0.495**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:52	AGNR

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6700**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Antimony	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Arsenic	**5.96**			1.37	1.37	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Barium	**145**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Beryllium	**0.220**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Cadmium	**0.512**			0.274	0.274	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Calcium	**11100**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Chromium	**16.4**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Cobalt	**6.08**			0.365	0.365	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Copper	**43.9**			1.83	1.83	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Iron	**13700**			22.8	22.8	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Lead	**231**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Magnesium	**2950**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Manganese	**215**			0.457	0.457	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Nickel	**28.0**			0.910	0.910	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Potassium	**1020**			4.57	4.57	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Selenium	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Silver	ND		U	0.461	0.461	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**152**			45.7	45.7	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Thallium	ND		U	1.10	1.83	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Vanadium	**30.5**			0.910	0.910	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR
Zinc	**180**			2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:34	AGNR

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.696**			0.0106	0.0334	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:39	LCB

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.203	0.557	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.66**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:34	JSJ
* Temperature	**22.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:34	JSJ
Cyanide, total	ND		U	0.328	0.557	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-13**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49	**Collection Date/Time:**	8/13/26 9:55

Lab ID:	**26H0771-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-14**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49-G6	**Collection Date/Time:**	8/13/26 9:50

Lab ID:	**26H0771-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1,1-Trichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1,2-Trichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1-Dichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,1-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2,3-Trichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2,3-Trichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2,4-Trichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2,4-Trimethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2-Dibromoethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2-Dichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,3,5-Trimethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,3-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,3-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
1,4-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
2,2-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
2-Butanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
2-Chlorotoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
2-Hexanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-14**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49-G6	**Collection Date/Time:**	8/13/26 9:50

Lab ID:	**26H0771-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
4-Methyl-2-pentanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Acetone	**0.0060**	J	J	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Acrolein	ND	CCVE	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Acrylonitrile	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Benzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Bromobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Bromochloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Bromodichloromethane	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Bromoform	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Bromomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Carbon disulfide	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Carbon tetrachloride	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Chlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Chloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Chloroform	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Chloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
cis-1,2-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
cis-1,3-Dichloropropylene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Cyclohexane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Dibromochloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Dibromomethane	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Dichlorodifluoromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0040	0.0081	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* Ethanol	ND		U	0.040	0.081	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Ethyl Benzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0040	0.0081	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Hexachlorobutadiene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* Iodomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Isopropylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Methyl acetate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Methylcyclohexane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Naphthalene	ND	QL-02	U	0.0025	0.010	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
n-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
n-Propylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
o-Xylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* p-Diethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* p-Ethyltoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
p-Isopropyltoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
sec-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-14**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-49-G6	**Collection Date/Time:**	8/13/26 9:50

Lab ID:	**26H0771-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.040	0.081	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0040	0.0081	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.025	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
tert-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Tetrachloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* Tetrahydrofuran	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Toluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
trans-1,2-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
trans-1,3-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Trichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Trichlorofluoromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Vinyl acetate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Vinyl Chloride	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS
Xylenes, Total	ND		U	0.0076	0.015	1	mg/kg dry	EPA 8260D	8/25/26 10:50	8/25/26 21:18	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/25/26 21:18*
Surrogate: SURR: Toluene-d8	*91.1 %*			*85-120*	*EPA 8260D*	*8/25/26 21:18*
Surrogate: SURR: p-Bromofluorobenzene	*105 %*			*76-130*	*EPA 8260D*	*8/25/26 21:18*

Lab ID:	**26H0771-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.2**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0376	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0308	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0334	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
1,2-Dichlorobenzene	ND		U	0.0287	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0289	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
1,3-Dichlorobenzene	ND		U	0.0336	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
1,4-Dichlorobenzene	ND		U	0.0277	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0435	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,4,5-Trichlorophenol	ND		U	0.0431	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,4,6-Trichlorophenol	ND		U	0.0279	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,4-Dichlorophenol	ND		U	0.0317	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,4-Dimethylphenol	ND		U	0.0394	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,4-Dinitrophenol	ND		U	0.0354	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,4-Dinitrotoluene	ND		U	0.0344	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2,6-Dinitrotoluene	ND		U	0.0378	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2-Chloronaphthalene	ND		U	0.0302	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2-Chlorophenol	ND		U	0.0271	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2-Methylnaphthalene	ND		U	0.0278	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2-Methylphenol	ND		U	0.0289	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2-Nitroaniline	ND		U	0.0256	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
2-Nitrophenol	ND		U	0.0405	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
* 3- & 4-Methylphenols	ND		U	0.0284	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
3,3-Dichlorobenzidine	ND		U	0.0278	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
3-Nitroaniline	ND		U	0.0344	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0474	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4-Bromophenyl phenyl ether	ND		U	0.0375	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4-Chloro-3-methylphenol	ND		U	0.0301	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4-Chloroaniline	ND		U	0.0285	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4-Chlorophenyl phenyl ether	ND		U	0.0377	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4-Nitroaniline	ND		U	0.0325	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
4-Nitrophenol	ND		U	0.0536	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Acenaphthene	**0.0867**	J	J	0.0336	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Acenaphthylene	**0.0316**	J	J	0.0290	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Acetophenone	ND		U	0.0278	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Aniline	ND		U	0.0395	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Anthracene	**0.257**			0.0303	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Atrazine	ND		U	0.0324	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzaldehyde	ND		U	0.0330	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzidine	ND		U	0.0110	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzo(a)anthracene	**0.780**			0.0296	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzo(a)pyrene	**0.313**			0.0335	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzo(b)fluoranthene	**0.465**			0.0341	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzo(g,h,i)perylene	**0.214**			0.0325	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzo(k)fluoranthene	**0.444**			0.0335	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CCVE, CAL-E	U	0.0381	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzyl alcohol	ND		U	0.0281	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Benzyl butyl phthalate	ND		U	0.0396	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Bis(2-chloroethoxy)methane	ND		U	0.0283	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Bis(2-chloroethyl)ether	ND		U	0.0211	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0402	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Bis(2-ethylhexyl)phthalate	**0.220**			0.0392	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Caprolactam	ND		U	0.0442	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Carbazole	**0.0795**	J	J	0.0302	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Chrysene	**0.693**			0.0291	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Dibenzo(a,h)anthracene	**0.0882**	J	J	0.0272	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Dibenzofuran	**0.0450**	J	J	0.0300	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Diethyl phthalate	ND		U	0.0346	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Dimethyl phthalate	ND		U	0.0310	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Di-n-butyl phthalate	ND		U	0.0382	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Di-n-octyl phthalate	ND		U	0.0290	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Fluoranthene	**1.42**			0.0292	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Fluorene	**0.0907**			0.0343	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Hexachlorobenzene	ND		U	0.0368	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Hexachlorobutadiene	ND	CCVE	U	0.0304	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0457	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Hexachloroethane	ND		U	0.0352	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Indeno(1,2,3-cd)pyrene	**0.259**			0.0352	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Isophorone	ND		U	0.0304	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Naphthalene	ND		U	0.0317	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Nitrobenzene	ND		U	0.0307	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
N-Nitrosodimethylamine	ND		U	0.0395	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
N-nitroso-di-n-propylamine	ND		U	0.0296	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
N-Nitrosodiphenylamine	ND		U	0.0366	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Pentachlorophenol	ND	CCVE	U	0.0404	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Phenanthrene	**0.816**			0.0292	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Phenol	ND		U	0.0383	0.0907	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 12:58	SR
Pyrene	**1.17**		D	0.0572	0.181	2	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 11:46	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*65.3 %*			*20-108*	*EPA 8270E*	*8/21/26 12:58*
Surrogate: SURR: Phenol-d6	*63.5 %*			*23-114*	*EPA 8270E*	*8/21/26 12:58*
Surrogate: SURR: Nitrobenzene-d5	*65.2 %*			*22-108*	*EPA 8270E*	*8/21/26 12:58*
Surrogate: SURR: 2-Fluorobiphenyl	*50.6 %*			*21-113*	*EPA 8270E*	*8/21/26 12:58*
Surrogate: SURR: 2,4,6-Tribromophenol	*46.2 %*			*19-110*	*EPA 8270E*	*8/21/26 12:58*
Surrogate: SURR: Terphenyl-d14	*60.8 %*			*24-116*	*EPA 8270E*	*8/21/26 12:58*

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00674**		D	0.00351	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
4,4'-DDE	**0.00358**	P	DP	0.00149	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
4,4'-DDT	**0.00484**	P	DP	0.00295	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Aldrin	ND		U	0.00117	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
alpha-BHC	ND		U	0.00509	0.00555	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
alpha-Chlordane [2C]	ND		U	0.00223	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
beta-BHC	ND		U	0.00584	0.00833	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
delta-BHC	ND		U	0.00516	0.00555	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Dieldrin	ND		U	0.00272	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Endosulfan I	ND		U	0.00139	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Endosulfan II	ND		U	0.00225	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Endosulfan sulfate	ND		U	0.00185	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Endrin	ND		U	0.00279	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Endrin aldehyde	ND		U	0.00417	0.00555	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Endrin ketone	ND		U	0.00273	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
gamma-BHC (Lindane)	ND		U	0.00237	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
gamma-Chlordane	**0.00508**	P	DP	0.00307	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Heptachlor	ND		U	0.00189	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Heptachlor epoxide	ND		U	0.00102	0.00185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Methoxychlor	ND		U	0.00267	0.00370	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
Toxaphene	ND		U	0.0736	0.0926	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH
* Chlordane, total	ND		U	0.0134	0.0185	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 10:46	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*21.3 %*	S-08, S-GC		*30-150*	*EPA 8081B*	*8/19/26 10:46*
Surrogate: Tetrachloro-m-xylene	*65.3 %*			*30-150*	*EPA 8081B*	*8/19/26 10:46*

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1221	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1232	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1242	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1248	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1254	**0.0261**	B	B	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1260	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1262	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
Aroclor 1268	ND		U	0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF
* Total PCBs	**0.0261**			0.0185	0.0185	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:10	NF

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*39.5 %*			*30-120*	*EPA 8082A*	*8/19/26 07:10*
Surrogate: Decachlorobiphenyl	*19.0 %*	S-GC, S-08		*30-120*	*EPA 8082A*	*8/19/26 07:10*

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR
Barium	**0.982**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR
Lead	**0.530**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:53	AGNR

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6050**			4.72	4.72	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Antimony	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Arsenic	**3.21**			1.42	1.42	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Barium	**102**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Beryllium	**0.163**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Cadmium	ND		U	0.283	0.283	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Calcium	**3810**			4.72	4.72	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Chromium	**13.9**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Cobalt	**5.43**			0.377	0.377	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Copper	**25.6**			1.89	1.89	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Iron	**11000**			23.6	23.6	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Lead	**133**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Magnesium	**2260**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Manganese	**146**			0.473	0.473	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Nickel	**30.7**			0.941	0.941	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Potassium	**887**			4.73	4.73	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Selenium	ND		U	2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID: 26H0771-15 **Laboratory:** ALS Environmental - Stratford
Analysis: Metals Total **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3050B **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Silver	ND		U	0.476	0.476	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Sodium	**102**			47.2	47.2	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Thallium	ND		U	1.13	1.89	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Vanadium	**19.0**			0.941	0.941	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR
Zinc	**102**			2.35	2.35	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:36	AGNR

Lab ID: 26H0771-15 **Laboratory:** ALS Environmental - Stratford
Analysis: Mercury Total **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 7473 soil **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.491**			0.0106	0.0334	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:39	LCB

Lab ID: 26H0771-15 **Laboratory:** ALS Environmental - Stratford
Analysis: Wet Chemistry Parameters **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW846-3060A **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.203	0.557	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.92**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:42	JSJ
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:42	JSJ
Cyanide, total	ND		U	0.328	0.557	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID: 26H0771-15 **Laboratory:** ALS Environmental - Stratford
Analysis: Miscellaneous Physical Parameters **Matrix:** Soil
Prep Method: Sample Prepared by Method: % Solids Prep **Sample Notes:**

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID: 26H0771-15 **Laboratory:** ALS Environmental - Stratford
Analysis: Leachate Preparations **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals **Sample Notes:**

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-15**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50	**Collection Date/Time:**	8/13/26 10:30

Lab ID:	**26H0771-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-16**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50-G7	**Collection Date/Time:**	8/13/26 10:25

Lab ID:	**26H0771-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2-Dibromoethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,3-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
2-Butanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
2-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
2-Hexanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-16**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50-G7	**Collection Date/Time:**	8/13/26 10:25

Lab ID:	**26H0771-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Acetone	**0.053**	CCVE		0.0054	0.011	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Acrolein	ND	CCVE	U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Acrylonitrile	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Bromobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Bromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Bromodichloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Bromoform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Bromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Carbon disulfide	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Carbon tetrachloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Chlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Chloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Chloroform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Chloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
cis-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Cyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Dibromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Dibromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Dichlorodifluoromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* Ethanol	ND		U	0.044	0.087	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Ethyl Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Hexachlorobutadiene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* Iodomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Isopropylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Methyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Methylcyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Methylene chloride	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Naphthalene	ND	CCVE, QL-02	U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
n-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
n-Propylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
o-Xylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
p- & m- Xylenes	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
sec-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-16**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-29-CS-50-G7	**Collection Date/Time:**	8/13/26 10:25

Lab ID:	**26H0771-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.044	0.087	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0044	0.0087	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.014	0.027	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
tert-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Tetrachloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* Tetrahydrofuran	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Toluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Trichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Vinyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Vinyl Chloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS
Xylenes, Total	ND		U	0.0082	0.016	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:28	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/26/26 11:28*
Surrogate: SURR: Toluene-d8	*90.9 %*			*85-120*	*EPA 8260D*	*8/26/26 11:28*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*			*76-130*	*EPA 8260D*	*8/26/26 11:28*

Lab ID:	**26H0771-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.3**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0386	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
1,2,4,5-Tetrachlorobenzene	ND	CCVE	U	0.0316	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
1,2,4-Trichlorobenzene	ND	CCVE	U	0.0343	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
1,2-Dichlorobenzene	ND		U	0.0295	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0297	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
1,3-Dichlorobenzene	ND		U	0.0345	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
1,4-Dichlorobenzene	ND		U	0.0284	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,3,4,6-Tetrachlorophenol	ND		U	0.0446	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,4,5-Trichlorophenol	ND		U	0.0443	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,4,6-Trichlorophenol	ND		U	0.0286	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,4-Dichlorophenol	ND		U	0.0325	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,4-Dimethylphenol	ND		U	0.0405	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,4-Dinitrophenol	ND		U	0.0363	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,4-Dinitrotoluene	ND		U	0.0354	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2,6-Dinitrotoluene	ND		U	0.0388	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2-Chloronaphthalene	ND		U	0.0310	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2-Chlorophenol	ND		U	0.0278	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2-Methylnaphthalene	ND		U	0.0286	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2-Methylphenol	ND		U	0.0297	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2-Nitroaniline	ND		U	0.0263	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
2-Nitrophenol	ND		U	0.0415	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
* 3- & 4-Methylphenols	ND		U	0.0291	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
3,3-Dichlorobenzidine	ND		U	0.0286	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
3-Nitroaniline	ND		U	0.0354	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4,6-Dinitro-2-methylphenol	ND		U	0.0487	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4-Bromophenyl phenyl ether	ND		U	0.0385	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4-Chloro-3-methylphenol	ND		U	0.0309	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4-Chloroaniline	ND		U	0.0293	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4-Chlorophenyl phenyl ether	ND		U	0.0387	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4-Nitroaniline	ND		U	0.0334	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
4-Nitrophenol	ND		U	0.0550	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Acenaphthene	ND		U	0.0345	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Acenaphthylene	ND		U	0.0298	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Acetophenone	ND		U	0.0285	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Aniline	ND		U	0.0405	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Anthracene	**0.0675**	J	J	0.0311	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Atrazine	ND		U	0.0333	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzaldehyde	ND		U	0.0339	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzidine	ND		U	0.0113	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzo(a)anthracene	**0.239**			0.0304	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzo(a)pyrene	**0.123**			0.0344	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzo(b)fluoranthene	**0.181**			0.0350	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzo(g,h,i)perylene	**0.0932**			0.0333	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzo(k)fluoranthene	**0.155**			0.0344	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CAL-E, CCVE	U	0.0392	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzyl alcohol	ND		U	0.0289	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Benzyl butyl phthalate	ND		U	0.0407	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Bis(2-chloroethoxy)methane	ND		U	0.0290	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Bis(2-chloroethyl)ether	ND		U	0.0217	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Bis(2-chloroisopropyl)ether	ND		U	0.0413	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Bis(2-ethylhexyl)phthalate	ND		U	0.0402	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Caprolactam	ND		U	0.0454	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Carbazole	ND		U	0.0310	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Chrysene	**0.229**			0.0299	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Dibenzo(a,h)anthracene	**0.0388**	J	J	0.0279	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Dibenzofuran	ND		U	0.0308	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Diethyl phthalate	ND		U	0.0355	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Dimethyl phthalate	ND		U	0.0319	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Di-n-butyl phthalate	ND		U	0.0392	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Di-n-octyl phthalate	ND		U	0.0298	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Fluoranthene	**0.376**			0.0300	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Fluorene	ND		U	0.0352	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Hexachlorobenzene	ND		U	0.0378	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Hexachlorobutadiene	ND	CCVE	U	0.0312	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Hexachlorocyclopentadiene	ND	CCVE	U	0.0469	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Hexachloroethane	ND		U	0.0361	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Indeno(1,2,3-cd)pyrene	**0.115**			0.0361	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Isophorone	ND		U	0.0312	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Naphthalene	ND		U	0.0325	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Nitrobenzene	ND		U	0.0315	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
N-Nitrosodimethylamine	ND		U	0.0406	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
N-nitroso-di-n-propylamine	ND		U	0.0304	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
N-Nitrosodiphenylamine	ND		U	0.0375	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Pentachlorophenol	ND	CCVE	U	0.0415	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Phenanthrene	**0.218**			0.0299	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Phenol	ND		U	0.0393	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR
Pyrene	**0.448**			0.0294	0.0931	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 13:43	SR

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*71.4 %*			*20-108*	*EPA 8270E*	*8/21/26 13:43*
Surrogate: SURR: Phenol-d6	*70.0 %*			*23-114*	*EPA 8270E*	*8/21/26 13:43*
Surrogate: SURR: Nitrobenzene-d5	*72.4 %*			*22-108*	*EPA 8270E*	*8/21/26 13:43*
Surrogate: SURR: 2-Fluorobiphenyl	*54.3 %*			*21-113*	*EPA 8270E*	*8/21/26 13:43*
Surrogate: SURR: 2,4,6-Tribromophenol	*52.4 %*			*19-110*	*EPA 8270E*	*8/21/26 13:43*
Surrogate: SURR: Terphenyl-d14	*65.3 %*			*24-116*	*EPA 8270E*	*8/21/26 13:43*

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.0225**		D	0.00355	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
4,4'-DDE	**0.00778**	P	DP	0.00151	0.00188	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
4,4'-DDT	**0.00742**	P	DP	0.00299	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Aldrin	ND		U	0.00119	0.00188	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
alpha-BHC	ND		U	0.00516	0.00563	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
alpha-Chlordane	**0.00783**	P	DP	0.00226	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
beta-BHC	ND		U	0.00591	0.00844	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
delta-BHC	ND		U	0.00523	0.00563	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Dieldrin	ND		U	0.00275	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Endosulfan I	ND		U	0.00141	0.00188	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Endosulfan II	ND		U	0.00228	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Endosulfan sulfate	ND		U	0.00188	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Endrin	ND		U	0.00283	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Endrin aldehyde	ND		U	0.00422	0.00563	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Endrin ketone	ND		U	0.00276	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
gamma-BHC (Lindane)	ND		U	0.00241	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
gamma-Chlordane	**0.0137**	P	DP	0.00312	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Heptachlor	ND		U	0.00191	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Heptachlor epoxide	ND		U	0.00103	0.00188	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Methoxychlor	ND		U	0.00271	0.00375	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
Toxaphene	ND		U	0.0746	0.0938	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH
* Chlordane, total	ND		U	0.0136	0.0188	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:03	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.4 %*			*30-150*	*EPA 8081B*	*8/19/26 11:03*
Surrogate: Tetrachloro-m-xylene	*98.3 %*			*30-150*	*EPA 8081B*	*8/19/26 11:03*

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1221	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1232	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1242	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1248	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1254	**0.0233**	B	B	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1260	**0.0259**			0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1262	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
Aroclor 1268	ND		U	0.0187	0.0187	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF
* Total PCBs	**0.0613**			0.0563	0.0563	1	mg/kg dry	EPA 8082A	8/18/26 10:59	8/19/26 07:24	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*58.5 %*			*30-120*	*EPA 8082A*	*8/19/26 07:24*
Surrogate: Decachlorobiphenyl	*39.0 %*			*30-120*	*EPA 8082A*	*8/19/26 07:24*

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR
Barium	**0.685**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR
Lead	**0.342**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 15:55	AGNR

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6170**			4.74	4.74	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Antimony	ND		U	2.37	2.37	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Arsenic	**3.18**			1.42	1.42	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Barium	**74.2**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Beryllium	**0.167**			0.048	0.048	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Cadmium	**0.322**			0.284	0.284	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Calcium	**3710**			4.74	4.74	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Chromium	**16.6**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Cobalt	**6.01**			0.379	0.379	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Copper	**29.1**			1.89	1.89	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Iron	**10900**			23.7	23.7	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Lead	**104**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Magnesium	**2600**			4.74	4.74	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Manganese	**213**			0.474	0.474	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Nickel	**36.5**			0.943	0.943	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Potassium	**998**			4.74	4.74	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Selenium	ND		U	2.37	2.37	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Silver	ND		U	0.477	0.477	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**103**			47.4	47.4	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Thallium	ND		U	1.14	1.90	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Vanadium	**25.8**			0.943	0.943	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR
Zinc	**83.2**			2.36	2.36	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:37	AGNR

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.560**			0.0108	0.0341	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:39	LCB

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.207	0.568	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.92**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:43	JSJ
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:43	JSJ
Cyanide, total	ND		U	0.334	0.568	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.0**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-17**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51	**Collection Date/Time:**	8/13/26 11:20

Lab ID:	**26H0771-17**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-18**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51-G8	**Collection Date/Time:**	8/13/26 11:15

Lab ID:	**26H0771-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1,1-Trichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1,2-Trichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1-Dichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1-Dichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,1-Dichloropropylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2,3-Trichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2,3-Trichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2,4-Trichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2,4-Trimethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2-Dibromoethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2-Dichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2-Dichloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,3,5-Trimethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,3-Dichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,3-Dichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
1,4-Dichlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
2,2-Dichloropropane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
2-Butanone	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
2-Chlorotoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
2-Hexanone	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-18**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51-G8	**Collection Date/Time:**	8/13/26 11:15

Lab ID:	**26H0771-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
4-Methyl-2-pentanone	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Acetone	**0.061**	CCVE		0.0050	0.010	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Acrolein	ND	CCVE	U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Acrylonitrile	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Benzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Bromobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Bromochloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Bromodichloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Bromoform	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Bromomethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Carbon disulfide	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Carbon tetrachloride	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Chlorobenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Chloroethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Chloroform	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Chloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
cis-1,2-Dichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
cis-1,3-Dichloropropylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Cyclohexane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Dibromochloromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Dibromomethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Dichlorodifluoromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0040	0.0080	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* Ethanol	ND		U	0.040	0.080	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Ethyl Benzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0040	0.0080	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Hexachlorobutadiene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* Iodomethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Isopropylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Methyl acetate	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Methylcyclohexane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Methylene chloride	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0025	0.010	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
n-Butylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
n-Propylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
o-Xylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
p- & m- Xylenes	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* p-Diethylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* p-Ethyltoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
p-Isopropyltoluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
sec-Butylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-18**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-28-CS-51-G8	**Collection Date/Time:**	8/13/26 11:15

Lab ID:	**26H0771-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.040	0.080	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0040	0.0080	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.013	0.025	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
tert-Butylbenzene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Tetrachloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* Tetrahydrofuran	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Toluene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
trans-1,2-Dichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
trans-1,3-Dichloropropylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Trichloroethylene	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Trichlorofluoromethane	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Vinyl acetate	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Vinyl Chloride	ND		U	0.0025	0.0050	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS
Xylenes, Total	ND		U	0.0075	0.015	1	mg/kg dry	EPA 8260D	8/25/26 14:04	8/26/26 11:57	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/26/26 11:57*
Surrogate: SURR: Toluene-d8	*90.7 %*			*85-120*	*EPA 8260D*	*8/26/26 11:57*
Surrogate: SURR: p-Bromofluorobenzene	*109 %*			*76-130*	*EPA 8260D*	*8/26/26 11:57*

Lab ID:	**26H0771-18**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.0**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0496	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0405	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
1,2,4-Trichlorobenzene	ND		U	0.0440	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
1,2-Dichlorobenzene	ND		U	0.0379	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0382	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
1,3-Dichlorobenzene	ND		U	0.0443	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
1,4-Dichlorobenzene	ND		U	0.0365	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0573	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,4,5-Trichlorophenol	ND		U	0.0568	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,4,6-Trichlorophenol	ND		U	0.0367	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,4-Dichlorophenol	ND		U	0.0418	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,4-Dimethylphenol	ND		U	0.0519	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,4-Dinitrophenol	ND		U	0.0467	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,4-Dinitrotoluene	ND		U	0.0454	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2,6-Dinitrotoluene	ND		U	0.0498	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2-Chloronaphthalene	ND		U	0.0398	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2-Chlorophenol	ND		U	0.0357	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2-Methylnaphthalene	**0.0785**	J	J	0.0367	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2-Methylphenol	ND		U	0.0381	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2-Nitroaniline	ND		U	0.0338	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
2-Nitrophenol	ND		U	0.0533	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
* 3- & 4-Methylphenols	ND		U	0.0374	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
3,3-Dichlorobenzidine	ND		U	0.0367	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
3-Nitroaniline	ND		U	0.0454	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0625	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4-Bromophenyl phenyl ether	ND		U	0.0494	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4-Chloro-3-methylphenol	ND		U	0.0396	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4-Chloroaniline	ND		U	0.0376	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4-Chlorophenyl phenyl ether	ND		U	0.0497	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4-Nitroaniline	ND		U	0.0429	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
4-Nitrophenol	ND		U	0.0706	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Acenaphthene	**0.150**			0.0443	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Acenaphthylene	**0.0866**	J	J	0.0382	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Acetophenone	ND		U	0.0366	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Aniline	ND		U	0.0520	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Anthracene	**0.464**			0.0400	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Atrazine	ND		U	0.0427	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzaldehyde	ND		U	0.0435	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzidine	ND		U	0.0145	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzo(a)anthracene	**0.931**			0.0391	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzo(a)pyrene	**0.953**			0.0442	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzo(b)fluoranthene	**0.732**			0.0450	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzo(g,h,i)perylene	**0.529**			0.0428	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzo(k)fluoranthene	**0.599**			0.0442	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0503	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzyl alcohol	ND		U	0.0371	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Benzyl butyl phthalate	ND		U	0.0522	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Bis(2-chloroethoxy)methane	ND		U	0.0373	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Bis(2-chloroethyl)ether	ND		U	0.0278	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0530	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0517	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Caprolactam	ND		U	0.0583	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Carbazole	**0.186**			0.0398	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Chrysene	**0.818**			0.0384	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Dibenzo(a,h)anthracene	**0.0440**	J	J	0.0359	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Dibenzofuran	**0.136**			0.0396	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Diethyl phthalate	ND		U	0.0456	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Dimethyl phthalate	ND		U	0.0409	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Di-n-butyl phthalate	ND		U	0.0503	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Di-n-octyl phthalate	ND		U	0.0383	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Fluoranthene	**2.35**		E	0.0385	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Fluorene	**0.228**			0.0452	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Hexachlorobenzene	ND		U	0.0485	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Hexachlorobutadiene	ND		U	0.0400	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Hexachlorocyclopentadiene	ND		U	0.0602	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Hexachloroethane	ND		U	0.0464	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Indeno(1,2,3-cd)pyrene	**0.487**			0.0464	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Isophorone	ND		U	0.0401	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Naphthalene	**0.123**			0.0418	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Nitrobenzene	ND		U	0.0404	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
N-Nitrosodimethylamine	ND		U	0.0521	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
N-nitroso-di-n-propylamine	ND		U	0.0390	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
N-Nitrosodiphenylamine	ND		U	0.0482	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Pentachlorophenol	ND		U	0.0533	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Phenanthrene	**2.27**		D	0.0769	0.239	2	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 14:23	DD
Phenol	ND		U	0.0505	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr
Pyrene	**2.08**		E	0.0377	0.120	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 16:34	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*72.8 %*			*20-108*	*EPA 8270E*	*8/24/26 14:23*
Surrogate: SURR: 2-Fluorophenol	*67.1 %*			*20-108*	*EPA 8270E*	*8/21/26 16:34*
Surrogate: SURR: Phenol-d6	*71.2 %*			*23-114*	*EPA 8270E*	*8/24/26 14:23*
Surrogate: SURR: Phenol-d6	*58.1 %*			*23-114*	*EPA 8270E*	*8/21/26 16:34*
Surrogate: SURR: Nitrobenzene-d5	*69.6 %*			*22-108*	*EPA 8270E*	*8/24/26 14:23*
Surrogate: SURR: Nitrobenzene-d5	*65.7 %*			*22-108*	*EPA 8270E*	*8/21/26 16:34*
Surrogate: SURR: 2-Fluorobiphenyl	*54.3 %*			*21-113*	*EPA 8270E*	*8/24/26 14:23*
Surrogate: SURR: 2-Fluorobiphenyl	*63.2 %*			*21-113*	*EPA 8270E*	*8/21/26 16:34*
Surrogate: SURR: 2,4,6-Tribromophenol	*67.1 %*			*19-110*	*EPA 8270E*	*8/21/26 16:34*
Surrogate: SURR: 2,4,6-Tribromophenol	*51.0 %*			*19-110*	*EPA 8270E*	*8/24/26 14:23*

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Terphenyl-d14	*70.4 %*			*24-116*	*EPA 8270E*	*8/24/26 14:23*
Surrogate: SURR: Terphenyl-d14	*64.4 %*			*24-116*	*EPA 8270E*	*8/21/26 16:34*

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00745**		D	0.00459	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
4,4'-DDE	**0.00404**	P	DP	0.00195	0.00242	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
4,4'-DDT	**0.00526**	P	DP	0.00386	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Aldrin	ND		U	0.00153	0.00242	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
alpha-BHC	ND		U	0.00666	0.00727	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
alpha-Chlordane	**0.00726**		D	0.00292	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
beta-BHC	ND		U	0.00764	0.0109	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
delta-BHC	ND		U	0.00676	0.00727	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Dieldrin	ND		U	0.00356	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Endosulfan I	ND		U	0.00182	0.00242	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Endosulfan II	ND		U	0.00294	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Endosulfan sulfate	ND		U	0.00243	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Endrin	ND		U	0.00366	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Endrin aldehyde	ND		U	0.00545	0.00727	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Endrin ketone	ND		U	0.00357	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
gamma-BHC (Lindane)	ND		U	0.00311	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
gamma-Chlordane	**0.00546**	P	DP	0.00403	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Heptachlor	ND		U	0.00247	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Heptachlor epoxide	ND		U	0.00133	0.00242	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Methoxychlor	ND		U	0.00350	0.00485	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
Toxaphene	ND		U	0.0964	0.121	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH
* Chlordane, total	ND		U	0.0176	0.0242	5	mg/kg dry	EPA 8081B	8/18/26 11:02	8/19/26 11:20	TAH

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*15.2 %*	S-08, S-GC		*30-150*	*EPA 8081B*	*8/19/26 11:20*
Surrogate: Tetrachloro-m-xylene	*39.6 %*			*30-150*	*EPA 8081B*	*8/19/26 11:20*

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1221	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1232	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1242	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1248	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1254	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1260	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1262	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
Aroclor 1268	ND		U	0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF
* Total PCBs	**0.0250**			0.0239	0.0239	1	mg/kg dry	EPA 8082A	8/20/26 8:56	8/21/26 18:21	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*67.5 %*			*30-120*	*EPA 8082A*	*8/21/26 18:21*
Surrogate: Decachlorobiphenyl	*49.5 %*			*30-120*	*EPA 8082A*	*8/21/26 18:21*

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR
Barium	**0.828**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR
Lead	**0.165**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:02	AGNR

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6170**			6.08	6.08	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Antimony	ND		U	3.04	3.04	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Arsenic	**3.78**			1.82	1.82	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Barium	**64.6**			3.04	3.04	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Beryllium	**0.305**			0.061	0.061	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Cadmium	ND		U	0.365	0.365	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Calcium	**2530**			6.08	6.08	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Chromium	**16.6**			0.609	0.609	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Cobalt	**6.36**			0.486	0.486	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Copper	**23.5**			2.43	2.43	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Iron	**11100**			30.4	30.4	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Lead	**250**			0.609	0.609	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Magnesium	**3450**			6.09	6.09	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Manganese	**198**			0.609	0.609	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Nickel	**38.4**			1.21	1.21	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Potassium	**1160**			6.09	6.09	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Selenium	ND		U	3.04	3.04	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Silver	ND		U	0.613	0.613	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Sodium	**108**			60.8	60.8	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Thallium	ND		U	1.46	2.44	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Vanadium	**20.3**			1.21	1.21	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR
Zinc	**89.4**			3.03	3.03	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:39	AGNR

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.207**			0.0139	0.0438	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:40	LCB

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.266	0.730	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.91**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:44	JSJ
* Temperature	**22.6**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:44	JSJ
Cyanide, total	ND		U	0.429	0.730	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**68.5**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-19**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52	**Collection Date/Time:**	8/13/26 10:50

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-19**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/16/26 15:59	8/17/26 11:14	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-20**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52-G1	**Collection Date/Time:**	8/13/26 10:45

Lab ID:	**26H0771-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,1-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-20**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52-G1	**Collection Date/Time:**	8/13/26 10:45

Lab ID:	**26H0771-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichloropropane	ND	QL-02	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,3-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
2,2-Dichloropropane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
2-Butanone	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
2-Chlorotoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
2-Hexanone	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
4-Chlorotoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
4-Methyl-2-pentanone	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Acetone	ND	CCVE	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Acrolein	ND	CCVE	U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Acrylonitrile	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Bromobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Bromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Bromodichloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Bromoform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Bromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Carbon disulfide	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Carbon tetrachloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Chlorobenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Chloroethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Chloroform	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Chloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Cyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Dibromochloromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Dibromomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Dichlorodifluoromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0041	0.0082	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* Ethanol	ND		U	0.041	0.082	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Ethyl Benzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0041	0.0082	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Hexachlorobutadiene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* Iodomethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Isopropylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Methyl acetate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Methylcyclohexane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-20**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-52-G1	**Collection Date/Time:**	8/13/26 10:45

Lab ID:	**26H0771-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0026	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
n-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
n-Propylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
o-Xylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* p-Diethylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* p-Ethyltoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
sec-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Styrene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.041	0.082	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0041	0.0082	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
tert-Butylbenzene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Tetrachloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* Tetrahydrofuran	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Toluene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Trichloroethylene	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Vinyl acetate	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Vinyl Chloride	ND		U	0.0026	0.0051	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS
Xylenes, Total	ND		U	0.0077	0.015	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:26	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/26/26 12:26*
Surrogate: SURR: Toluene-d8	*91.3 %*			*85-120*	*EPA 8260D*	*8/26/26 12:26*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*76-130*	*EPA 8260D*	*8/26/26 12:26*

Lab ID:	**26H0771-20**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**88.3**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-21**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53	**Collection Date/Time:**	8/13/26 11:00

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0373	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0305	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
1,2,4-Trichlorobenzene	ND		U	0.0331	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
1,2-Dichlorobenzene	ND		U	0.0285	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0287	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
1,3-Dichlorobenzene	ND		U	0.0333	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
1,4-Dichlorobenzene	ND		U	0.0274	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0431	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,4,5-Trichlorophenol	ND		U	0.0427	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,4,6-Trichlorophenol	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,4-Dichlorophenol	ND		U	0.0314	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,4-Dimethylphenol	ND		U	0.0391	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,4-Dinitrophenol	ND		U	0.0351	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,4-Dinitrotoluene	ND		U	0.0342	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2,6-Dinitrotoluene	ND		U	0.0374	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2-Chloronaphthalene	ND		U	0.0299	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2-Chlorophenol	ND		U	0.0268	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2-Methylnaphthalene	**0.0619**	J	J	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2-Methylphenol	ND		U	0.0287	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2-Nitroaniline	ND		U	0.0254	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
2-Nitrophenol	ND		U	0.0401	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
* 3- & 4-Methylphenols	ND		U	0.0281	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
3,3-Dichlorobenzidine	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
3-Nitroaniline	ND		U	0.0342	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0470	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4-Bromophenyl phenyl ether	ND		U	0.0371	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4-Chloro-3-methylphenol	ND		U	0.0298	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4-Chloroaniline	ND		U	0.0283	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4-Chlorophenyl phenyl ether	ND		U	0.0374	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4-Nitroaniline	ND		U	0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
4-Nitrophenol	ND		U	0.0531	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Acenaphthene	**0.135**			0.0333	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Acenaphthylene	**0.124**			0.0288	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Acetophenone	ND		U	0.0276	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Aniline	ND		U	0.0391	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Anthracene	**0.499**			0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Atrazine	ND		U	0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzaldehyde	ND		U	0.0327	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzidine	ND		U	0.0109	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzo(a)anthracene	**1.61**		E	0.0294	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzo(a)pyrene	**0.673**		D	0.166	0.450	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 14:53	DD
Benzo(b)fluoranthene	**1.70**		E	0.0338	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzo(g,h,i)perylene	**1.04**			0.0322	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzo(k)fluoranthene	**1.03**			0.0332	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-21**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53	**Collection Date/Time:**	8/13/26 11:00

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0378	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzyl alcohol	ND		U	0.0279	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Benzyl butyl phthalate	ND		U	0.0393	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Bis(2-chloroethoxy)methane	ND		U	0.0280	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Bis(2-chloroethyl)ether	ND		U	0.0209	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0399	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Bis(2-ethylhexyl)phthalate	**0.0615**	J	J	0.0389	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Caprolactam	ND		U	0.0439	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Carbazole	**0.178**			0.0300	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Chrysene	**1.52**		E	0.0289	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Dibenzo(a,h)anthracene	**0.0961**			0.0270	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Dibenzofuran	**0.0875**	J	J	0.0298	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Diethyl phthalate	ND		U	0.0343	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Dimethyl phthalate	ND		U	0.0308	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Di-n-butyl phthalate	ND		U	0.0379	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Di-n-octyl phthalate	ND		U	0.0288	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Fluoranthene	**2.71**		D	0.145	0.450	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 14:53	DD
Fluorene	**0.166**			0.0340	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Hexachlorobenzene	ND		U	0.0365	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Hexachlorobutadiene	ND		U	0.0301	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Hexachlorocyclopentadiene	ND		U	0.0453	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Hexachloroethane	ND		U	0.0349	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Indeno(1,2,3-cd)pyrene	**0.967**			0.0349	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Isophorone	ND		U	0.0302	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Naphthalene	**0.0911**			0.0314	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Nitrobenzene	ND		U	0.0304	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
N-Nitrosodimethylamine	ND		U	0.0392	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
N-nitroso-di-n-propylamine	ND		U	0.0294	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
N-Nitrosodiphenylamine	ND		U	0.0363	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Pentachlorophenol	ND		U	0.0401	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Phenanthrene	**2.15**		D	0.145	0.450	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 14:53	DD
Phenol	ND		U	0.0380	0.0899	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:06	sr
Pyrene	**3.40**		D	0.142	0.450	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 14:53	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*53.0 %*			*20-108*	*EPA 8270E*	*8/21/26 17:06*
Surrogate: SURR: 2-Fluorophenol	*57.2 %*			*20-108*	*EPA 8270E*	*8/24/26 14:53*
Surrogate: SURR: Phenol-d6	*54.0 %*			*23-114*	*EPA 8270E*	*8/24/26 14:53*
Surrogate: SURR: Phenol-d6	*48.6 %*			*23-114*	*EPA 8270E*	*8/21/26 17:06*
Surrogate: SURR: Nitrobenzene-d5	*55.0 %*			*22-108*	*EPA 8270E*	*8/24/26 14:53*
Surrogate: SURR: Nitrobenzene-d5	*55.2 %*			*22-108*	*EPA 8270E*	*8/21/26 17:06*
Surrogate: SURR: 2-Fluorobiphenyl	*48.8 %*			*21-113*	*EPA 8270E*	*8/24/26 14:53*
Surrogate: SURR: 2-Fluorobiphenyl	*54.5 %*			*21-113*	*EPA 8270E*	*8/21/26 17:06*
Surrogate: SURR: 2,4,6-Tribromophenol	*39.1 %*			*19-110*	*EPA 8270E*	*8/24/26 14:53*
Surrogate: SURR: 2,4,6-Tribromophenol	*58.6 %*			*19-110*	*EPA 8270E*	*8/21/26 17:06*

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-21**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53	**Collection Date/Time:**	8/13/26 11:00

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Terphenyl-d14	*53.2 %*			*24-116*	*EPA 8270E*	*8/21/26 17:06*
Surrogate: SURR: Terphenyl-d14	*55.8 %*			*24-116*	*EPA 8270E*	*8/24/26 14:53*

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0162**		D	0.00345	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
4,4'-DDE	**0.00418**	P	DP	0.00147	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
4,4'-DDT	**0.00439**		D	0.00290	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Aldrin	ND		U	0.00115	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
alpha-BHC	ND		U	0.00501	0.00547	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
alpha-Chlordane [2C]	**0.00441**	P	DP	0.00219	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
beta-BHC	ND		U	0.00575	0.00821	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
delta-BHC	ND		U	0.00508	0.00547	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Dieldrin	ND		U	0.00268	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Endosulfan I	ND		U	0.00137	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Endosulfan II	ND		U	0.00221	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Endosulfan sulfate	ND		U	0.00183	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Endrin	ND		U	0.00275	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Endrin aldehyde	ND		U	0.00410	0.00547	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Endrin ketone	ND		U	0.00269	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
gamma-BHC (Lindane)	ND		U	0.00234	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
gamma-Chlordane	**0.00536**		D	0.00303	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Heptachlor	ND		U	0.00186	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Heptachlor epoxide	ND		U	0.00100	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Methoxychlor	ND		U	0.00263	0.00365	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
Toxaphene	ND		U	0.0725	0.0912	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ
* Chlordane, total	ND		U	0.0132	0.0182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 14:53	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*54.6 %*			*30-150*	*EPA 8081B*	*8/20/26 14:53*
Surrogate: Tetrachloro-m-xylene	*67.0 %*			*30-150*	*EPA 8081B*	*8/20/26 14:53*

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1221	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1232	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-21**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53	**Collection Date/Time:**	8/13/26 11:00

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1242	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1248	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1254	**0.0210**			0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1260	**0.0197**			0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1262	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
Aroclor 1268	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF
* Total PCBs	ND		U	0.0547	0.0547	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 14:47	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*60.5 %*			*30-120*	*EPA 8082A*	*8/20/26 14:47*
Surrogate: Decachlorobiphenyl	*44.5 %*			*30-120*	*EPA 8082A*	*8/20/26 14:47*

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR
Barium	**0.938**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR
Lead	**0.325**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:03	AGNR

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7420**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Arsenic	**7.01**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Barium	**135**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Beryllium	**0.209**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Cadmium	**0.486**			0.270	0.270	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Calcium	**8670**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Chromium	**15.9**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Cobalt	**6.78**			0.360	0.360	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-21**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53	**Collection Date/Time:**	8/13/26 11:00

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Copper	**36.3**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Iron	**12900**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Lead	**234**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Magnesium	**3580**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Manganese	**214**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Nickel	**30.0**			0.896	0.896	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Potassium	**1090**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Silver	ND		U	0.453	0.453	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Sodium	**179**			45.0	45.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Thallium	ND		U	1.08	1.80	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Vanadium	**23.6**			0.896	0.896	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR
Zinc	**187**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:40	AGNR

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.500**			0.0104	0.0329	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:40	LCB

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.200	0.549	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.99**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:47	JSJ
* Temperature	**22.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:47	JSJ
Cyanide, total	ND		U	0.323	0.549	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.1**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-21**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53	**Collection Date/Time:**	8/13/26 11:00

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-21**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-22**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53-G2	**Collection Date/Time:**	8/13/26 10:55

Lab ID:	**26H0771-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1,1-Trichloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1,2-Trichloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1-Dichloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1-Dichloroethylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,1-Dichloropropylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2,3-Trichlorobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2,3-Trichloropropane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2,4-Trichlorobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2,4-Trimethylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2-Dibromoethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2-Dichlorobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,2-Dichloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-22**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53-G2	**Collection Date/Time:**	8/13/26 10:55

Lab ID:	**26H0771-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichloropropane	ND	QL-02	U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,3,5-Trimethylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,3-Dichlorobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,3-Dichloropropane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
1,4-Dichlorobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
2,2-Dichloropropane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
2-Butanone	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.013	0.025	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
2-Chlorotoluene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
2-Hexanone	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
4-Chlorotoluene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
4-Methyl-2-pentanone	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Acetone	ND	CCVE	U	0.0063	0.013	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Acrolein	ND	CCVE	U	0.0063	0.013	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Acrylonitrile	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Benzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Bromobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Bromochloromethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Bromodichloromethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Bromoform	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Bromomethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Carbon disulfide	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Carbon tetrachloride	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Chlorobenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Chloroethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Chloroform	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Chloromethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
cis-1,2-Dichloroethylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
cis-1,3-Dichloropropylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Cyclohexane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Dibromochloromethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Dibromomethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Dichlorodifluoromethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* Ethanol	ND		U	0.050	0.10	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Ethyl Benzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Hexachlorobutadiene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* Iodomethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Isopropylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Methyl acetate	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Methyl Methacrylate	ND	CCVE, QL-02	U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Methylcyclohexane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-22**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-53-G2	**Collection Date/Time:**	8/13/26 10:55

Lab ID:	**26H0771-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methylene chloride	ND		U	0.0063	0.013	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0031	0.013	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
n-Butylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
n-Propylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
o-Xylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
p- & m- Xylenes	ND		U	0.0063	0.013	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* p-Diethylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* p-Ethyltoluene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
p-Isopropyltoluene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
sec-Butylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Styrene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.050	0.10	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0050	0.010	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.016	0.031	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
tert-Butylbenzene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Tetrachloroethylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* Tetrahydrofuran	ND		U	0.0063	0.013	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Toluene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
trans-1,2-Dichloroethylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
trans-1,3-Dichloropropylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Trichloroethylene	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Trichlorofluoromethane	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Vinyl acetate	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Vinyl Chloride	ND		U	0.0031	0.0063	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS
Xylenes, Total	ND		U	0.0094	0.019	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 12:55	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/26/26 12:55*
Surrogate: SURR: Toluene-d8	*92.7 %*			*85-120*	*EPA 8260D*	*8/26/26 12:55*
Surrogate: SURR: p-Bromofluorobenzene	*112 %*			*76-130*	*EPA 8260D*	*8/26/26 12:55*

Lab ID:	**26H0771-22**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**89.3**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-23**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54	**Collection Date/Time:**	8/13/26 11:10

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0398	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0326	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
1,2,4-Trichlorobenzene	ND		U	0.0353	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
1,2-Dichlorobenzene	ND		U	0.0304	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0307	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
1,3-Dichlorobenzene	ND		U	0.0356	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
1,4-Dichlorobenzene	ND		U	0.0293	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0460	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,4,5-Trichlorophenol	ND		U	0.0457	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,4,6-Trichlorophenol	ND		U	0.0295	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,4-Dichlorophenol	ND		U	0.0336	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,4-Dimethylphenol	ND		U	0.0417	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,4-Dinitrophenol	ND		U	0.0375	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,4-Dinitrotoluene	ND		U	0.0365	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2,6-Dinitrotoluene	ND		U	0.0400	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2-Chloronaphthalene	ND		U	0.0320	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2-Chlorophenol	ND		U	0.0287	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2-Methylnaphthalene	**0.0365**	J	J	0.0295	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2-Methylphenol	ND		U	0.0306	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2-Nitroaniline	ND		U	0.0272	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
2-Nitrophenol	ND		U	0.0429	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
* 3- & 4-Methylphenols	ND		U	0.0301	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
3,3-Dichlorobenzidine	ND		U	0.0295	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
3-Nitroaniline	ND		U	0.0365	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0502	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4-Bromophenyl phenyl ether	ND		U	0.0397	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4-Chloro-3-methylphenol	ND		U	0.0318	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4-Chloroaniline	ND		U	0.0302	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4-Chlorophenyl phenyl ether	ND		U	0.0399	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4-Nitroaniline	ND		U	0.0344	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
4-Nitrophenol	ND		U	0.0568	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Acenaphthene	**0.0938**	J	J	0.0356	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Acenaphthylene	**0.0704**	J	J	0.0307	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Acetophenone	ND		U	0.0294	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Aniline	ND		U	0.0418	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Anthracene	**0.270**			0.0321	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Atrazine	ND		U	0.0343	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzaldehyde	ND		U	0.0349	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzidine	ND		U	0.0116	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzo(a)anthracene	**0.906**			0.0314	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzo(a)pyrene	**1.00**			0.0355	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzo(b)fluoranthene	**0.910**			0.0361	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzo(g,h,i)perylene	**0.598**			0.0344	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzo(k)fluoranthene	**0.638**			0.0355	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-23**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54	**Collection Date/Time:**	8/13/26 11:10

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0404	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzyl alcohol	ND		U	0.0298	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Benzyl butyl phthalate	**0.0773**	J	J	0.0419	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Bis(2-chloroethoxy)methane	ND		U	0.0300	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Bis(2-chloroethyl)ether	ND		U	0.0223	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0426	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Bis(2-ethylhexyl)phthalate	**0.178**			0.0415	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Caprolactam	ND		U	0.0468	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Carbazole	**0.113**			0.0320	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Chrysene	**0.826**			0.0309	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Dibenzo(a,h)anthracene	**0.0627**	J	J	0.0288	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Dibenzofuran	**0.0561**	J	J	0.0318	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Diethyl phthalate	ND		U	0.0366	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Dimethyl phthalate	ND		U	0.0329	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Di-n-butyl phthalate	ND		U	0.0404	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Di-n-octyl phthalate	ND		U	0.0308	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Fluoranthene	**1.63**		D	0.155	0.480	5	mg/kg dry	EPA 8270E	8/17/26 11:08	8/24/26 15:24	DD
Fluorene	**0.0853**	J	J	0.0363	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Hexachlorobenzene	ND		U	0.0389	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Hexachlorobutadiene	ND		U	0.0322	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Hexachlorocyclopentadiene	ND		U	0.0484	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Hexachloroethane	ND		U	0.0373	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Indeno(1,2,3-cd)pyrene	**0.571**			0.0373	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Isophorone	ND		U	0.0322	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Naphthalene	**0.0531**	J	J	0.0336	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Nitrobenzene	ND		U	0.0325	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
N-Nitrosodimethylamine	ND		U	0.0419	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
N-nitroso-di-n-propylamine	ND		U	0.0314	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
N-Nitrosodiphenylamine	ND		U	0.0387	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Pentachlorophenol	ND		U	0.0428	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Phenanthrene	**1.23**			0.0309	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Phenol	ND		U	0.0406	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr
Pyrene	**1.63**		E	0.0303	0.0961	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 17:38	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*28.9 %*			*20-108*	*EPA 8270E*	*8/24/26 15:24*
Surrogate: SURR: 2-Fluorophenol	*27.9 %*			*20-108*	*EPA 8270E*	*8/21/26 17:38*
Surrogate: SURR: Phenol-d6	*24.8 %*			*23-114*	*EPA 8270E*	*8/21/26 17:38*
Surrogate: SURR: Phenol-d6	*26.2 %*			*23-114*	*EPA 8270E*	*8/24/26 15:24*
Surrogate: SURR: Nitrobenzene-d5	*29.4 %*			*22-108*	*EPA 8270E*	*8/21/26 17:38*
Surrogate: SURR: Nitrobenzene-d5	*31.4 %*			*22-108*	*EPA 8270E*	*8/24/26 15:24*
Surrogate: SURR: 2-Fluorobiphenyl	*24.6 %*			*21-113*	*EPA 8270E*	*8/24/26 15:24*
Surrogate: SURR: 2-Fluorobiphenyl	*27.8 %*			*21-113*	*EPA 8270E*	*8/21/26 17:38*
Surrogate: SURR: 2,4,6-Tribromophenol	*28.9 %*			*19-110*	*EPA 8270E*	*8/21/26 17:38*
Surrogate: SURR: 2,4,6-Tribromophenol	*21.6 %*			*19-110*	*EPA 8270E*	*8/24/26 15:24*

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-23**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54	**Collection Date/Time:**	8/13/26 11:10

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: Terphenyl-d14	*26.3 %*			*24-116*	*EPA 8270E*	*8/21/26 17:38*
Surrogate: SURR: Terphenyl-d14	*27.8 %*			*24-116*	*EPA 8270E*	*8/24/26 15:24*

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.0129**		D	0.00364	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
4,4'-DDE	**0.00346**	P	DP	0.00155	0.00192	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
4,4'-DDT	**0.00413**	P	DP	0.00306	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Aldrin	ND		U	0.00122	0.00192	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
alpha-BHC	ND		U	0.00528	0.00577	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
alpha-Chlordane	**0.0118**		D	0.00231	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
beta-BHC	ND		U	0.00606	0.00865	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
delta-BHC	ND		U	0.00536	0.00577	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Dieldrin	ND		U	0.00282	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Endosulfan I	ND		U	0.00144	0.00192	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Endosulfan II	ND		U	0.00233	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Endosulfan sulfate	ND		U	0.00192	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Endrin	ND		U	0.00290	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Endrin aldehyde	ND		U	0.00433	0.00577	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Endrin ketone	ND		U	0.00283	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
gamma-BHC (Lindane)	ND		U	0.00247	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
gamma-Chlordane	**0.00757**	P	DP	0.00319	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Heptachlor	ND		U	0.00196	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Heptachlor epoxide	ND		U	0.00106	0.00192	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Methoxychlor	ND		U	0.00278	0.00384	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
Toxaphene	ND		U	0.0765	0.0961	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ
* Chlordane, total	ND		U	0.0139	0.0192	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:11	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*44.9 %*			*30-150*	*EPA 8081B*	*8/20/26 15:11*
Surrogate: Tetrachloro-m-xylene	*57.7 %*			*30-150*	*EPA 8081B*	*8/20/26 15:11*

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1221	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1232	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-23**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54	**Collection Date/Time:**	8/13/26 11:10

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1242	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1248	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1254	**0.0412**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1260	**0.0350**			0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1262	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
Aroclor 1268	ND		U	0.0192	0.0192	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF
* Total PCBs	**0.0762**			0.0577	0.0577	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:00	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*41.0 %*			*30-120*	*EPA 8082A*	*8/21/26 12:00*
Surrogate: Decachlorobiphenyl	*31.5 %*			*30-120*	*EPA 8082A*	*8/21/26 12:00*

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR
Barium	**1.18**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR
Lead	**0.605**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:05	AGNR

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7430**			4.82	4.82	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Antimony	**3.04**			2.41	2.41	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Arsenic	**7.59**			1.45	1.45	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Barium	**205**			2.41	2.41	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Beryllium	**0.254**			0.049	0.049	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Cadmium	**1.54**			0.289	0.289	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Calcium	**9790**			4.82	4.82	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Chromium	**18.1**			0.483	0.483	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Cobalt	**5.57**			0.385	0.385	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-23**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54	**Collection Date/Time:**	8/13/26 11:10

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Copper	**62.7**			1.93	1.93	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Iron	**15900**			24.1	24.1	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Lead	**373**			0.483	0.483	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Magnesium	**3370**			4.83	4.83	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Manganese	**413**			0.483	0.483	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Nickel	**29.3**			0.960	0.960	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Potassium	**1020**			4.83	4.83	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Selenium	ND		U	2.41	2.41	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Silver	ND		U	0.486	0.486	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Sodium	**392**			48.2	48.2	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Thallium	ND		U	1.16	1.93	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Vanadium	**24.1**			0.960	0.960	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR
Zinc	**440**			2.40	2.40	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:42	AGNR

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.558**			0.0110	0.0347	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:41	LCB

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.209	0.572	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.80**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:52	JSJ
* Temperature	**22.4**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:52	JSJ
Cyanide, total	ND		U	0.340	0.579	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**86.4**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-23**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54	**Collection Date/Time:**	8/13/26 11:10

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-23**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-24**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54-G3	**Collection Date/Time:**	8/13/26 11:05

Lab ID:	**26H0771-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1,1-Trichloroethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1,2-Trichloroethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1-Dichloroethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1-Dichloroethylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,1-Dichloropropylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2,3-Trichlorobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2,3-Trichloropropane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2,4-Trichlorobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2,4-Trimethylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2-Dibromoethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2-Dichlorobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,2-Dichloroethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-24**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54-G3	**Collection Date/Time:**	8/13/26 11:05

Lab ID:	**26H0771-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichloropropane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,3,5-Trimethylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,3-Dichlorobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,3-Dichloropropane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
1,4-Dichlorobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
2,2-Dichloropropane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
2-Butanone	**0.0062**			0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.0065	0.013	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
2-Chlorotoluene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
2-Hexanone	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
4-Chlorotoluene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
4-Methyl-2-pentanone	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Acetone	**0.064**	CCVE		0.0032	0.0065	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Acrolein	ND	CCVE	U	0.0032	0.0065	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Acrylonitrile	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Benzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Bromobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Bromochloromethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Bromodichloromethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Bromoform	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Bromomethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Carbon disulfide	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Carbon tetrachloride	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Chlorobenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Chloroethane	ND	CCVE	U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Chloroform	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Chloromethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
cis-1,2-Dichloroethylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
cis-1,3-Dichloropropylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Cyclohexane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Dibromochloromethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Dibromomethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Dichlorodifluoromethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* Ethanol	ND	QL-02, CCVE	U	0.026	0.052	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Ethyl Benzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Hexachlorobutadiene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* Iodomethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Isopropylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Methyl acetate	ND	CCVE	U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Methyl Methacrylate	ND	CCVE	U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Methylcyclohexane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-24**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-30-CS-54-G3	**Collection Date/Time:**	8/13/26 11:05

Lab ID:	**26H0771-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methylene chloride	ND	CCVE	U	0.0032	0.0065	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Naphthalene	ND	QL-02	U	0.0016	0.0065	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
n-Butylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
n-Propylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
o-Xylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
p- & m- Xylenes	ND		U	0.0032	0.0065	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* p-Diethylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* p-Ethyltoluene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
p-Isopropyltoluene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
sec-Butylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Styrene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.026	0.052	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0026	0.0052	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
tert-Butyl alcohol (TBA)	ND		U	0.0081	0.016	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
tert-Butylbenzene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Tetrachloroethylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* Tetrahydrofuran	ND		U	0.0032	0.0065	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Toluene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
trans-1,2-Dichloroethylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
trans-1,3-Dichloropropylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Trichloroethylene	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Trichlorofluoromethane	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Vinyl acetate	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Vinyl Chloride	ND		U	0.0016	0.0032	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS
Xylenes, Total	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/26/26 13:05	8/27/26 12:33	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*122 %*			*77-125*	*EPA 8260D*	*8/27/26 12:33*
Surrogate: SURR: Toluene-d8	*91.4 %*			*85-120*	*EPA 8260D*	*8/27/26 12:33*
Surrogate: SURR: p-Bromofluorobenzene	*107 %*			*76-130*	*EPA 8260D*	*8/27/26 12:33*

Lab ID:	**26H0771-24**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**82.9**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
1,2-Dichloroethane	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
1,4-Dichlorobenzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
2-Butanone	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Benzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Carbon tetrachloride	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Chlorobenzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Chloroform	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Tetrachloroethylene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Trichloroethylene	ND	QL-02	U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS
Vinyl Chloride	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 21:48	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*65-135*	*EPA 8260D/1311*	*8/24/26 21:48*
Surrogate: SURR: Toluene-d8	*87.4 %*			*86-118*	*EPA 8260D/1311*	*8/24/26 21:48*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*84.2-124*	*EPA 8260D/1311*	*8/24/26 21:48*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0371	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0304	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
1,2,4-Trichlorobenzene	ND		U	0.0329	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
1,2-Dichlorobenzene	ND		U	0.0284	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0286	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
1,3-Dichlorobenzene	ND		U	0.0332	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
1,4-Dichlorobenzene	ND		U	0.0273	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0429	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,4,5-Trichlorophenol	ND		U	0.0426	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,4,6-Trichlorophenol	ND		U	0.0275	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,4-Dichlorophenol	ND		U	0.0313	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,4-Dimethylphenol	ND		U	0.0389	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,4-Dinitrophenol	ND		U	0.0350	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,4-Dinitrotoluene	ND		U	0.0340	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2,6-Dinitrotoluene	ND		U	0.0373	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2-Chloronaphthalene	ND		U	0.0298	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0267	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2-Methylnaphthalene	ND		U	0.0275	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2-Methylphenol	ND		U	0.0285	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2-Nitroaniline	ND		U	0.0253	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
2-Nitrophenol	ND		U	0.0400	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
* 3- & 4-Methylphenols	ND		U	0.0280	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
3,3-Dichlorobenzidine	ND		U	0.0275	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
3-Nitroaniline	ND		U	0.0340	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0468	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4-Bromophenyl phenyl ether	ND		U	0.0370	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4-Chloro-3-methylphenol	ND		U	0.0297	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4-Chloroaniline	ND		U	0.0282	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4-Chlorophenyl phenyl ether	ND		U	0.0372	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4-Nitroaniline	ND		U	0.0321	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
4-Nitrophenol	ND		U	0.0529	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Acenaphthene	ND		U	0.0332	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Acenaphthylene	ND		U	0.0286	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Acetophenone	ND		U	0.0274	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Aniline	ND		U	0.0390	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Anthracene	ND		U	0.0299	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Atrazine	ND		U	0.0320	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzaldehyde	ND		U	0.0326	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzidine	ND		U	0.0108	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzo(a)anthracene	**0.0871**	J	J	0.0293	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzo(a)pyrene	**0.104**			0.0331	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzo(b)fluoranthene	**0.0957**			0.0337	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzo(g,h,i)perylene	**0.0699**	J	J	0.0321	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzo(k)fluoranthene	**0.0681**	J	J	0.0331	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzoic acid	ND		U	0.0377	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzyl alcohol	ND		U	0.0278	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Benzyl butyl phthalate	ND		U	0.0391	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Bis(2-chloroethoxy)methane	ND		U	0.0279	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Bis(2-chloroethyl)ether	ND		U	0.0208	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0397	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0387	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Caprolactam	ND		U	0.0437	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Carbazole	ND		U	0.0298	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Chrysene	**0.0756**	J	J	0.0288	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Dibenzo(a,h)anthracene	ND		U	0.0269	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Dibenzofuran	ND		U	0.0296	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Diethyl phthalate	ND		U	0.0341	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Dimethyl phthalate	ND		U	0.0307	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Di-n-butyl phthalate	ND		U	0.0377	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Di-n-octyl phthalate	ND		U	0.0287	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Fluoranthene	**0.151**			0.0288	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	ND		U	0.0339	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Hexachlorobenzene	ND		U	0.0363	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Hexachlorobutadiene	ND		U	0.0300	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Hexachlorocyclopentadiene	ND		U	0.0451	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Hexachloroethane	ND		U	0.0348	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Indeno(1,2,3-cd)pyrene	**0.0642**	J	J	0.0347	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Isophorone	ND		U	0.0300	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Naphthalene	ND		U	0.0313	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Nitrobenzene	ND		U	0.0303	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
N-Nitrosodimethylamine	ND		U	0.0390	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
N-nitroso-di-n-propylamine	ND		U	0.0292	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
N-Nitrosodiphenylamine	ND		U	0.0361	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Pentachlorophenol	ND		U	0.0399	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Phenanthrene	**0.0599**	J	J	0.0288	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Phenol	ND		U	0.0378	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr
Pyrene	**0.134**			0.0282	0.0896	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:11	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*45.4 %*			*20-108*	*EPA 8270E*	*8/21/26 18:11*
Surrogate: SURR: Phenol-d6	*40.8 %*			*23-114*	*EPA 8270E*	*8/21/26 18:11*
Surrogate: SURR: Nitrobenzene-d5	*44.2 %*			*22-108*	*EPA 8270E*	*8/21/26 18:11*
Surrogate: SURR: 2-Fluorobiphenyl	*45.6 %*			*21-113*	*EPA 8270E*	*8/21/26 18:11*
Surrogate: SURR: 2,4,6-Tribromophenol	*47.3 %*			*19-110*	*EPA 8270E*	*8/21/26 18:11*
Surrogate: SURR: Terphenyl-d14	*44.1 %*			*24-116*	*EPA 8270E*	*8/21/26 18:11*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
2-Methylphenol	ND		U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
* 3- & 4-Methylphenols	ND		U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
Pentachlorophenol	ND		U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 20:49	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*34.8 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 20:49*
Surrogate: SURR: Phenol-d6	*25.6 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 20:49*
Surrogate: SURR: Nitrobenzene-d5	*57.4 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 20:49*
Surrogate: SURR: 2-Fluorobiphenyl	*60.6 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 20:49*
Surrogate: SURR: 2,4,6-Tribromophenol	*86.4 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 20:49*
Surrogate: SURR: Terphenyl-d14	*82.2 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 20:49*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00339	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
4,4'-DDE	**0.00189**		D	0.00144	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
4,4'-DDT	**0.00393**		D	0.00285	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Aldrin	ND		U	0.00113	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
alpha-BHC	ND		U	0.00493	0.00538	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
alpha-Chlordane [2C]	ND		U	0.00216	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
beta-BHC	ND		U	0.00565	0.00806	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
delta-BHC	ND		U	0.00500	0.00538	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Dieldrin	ND		U	0.00263	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Endosulfan I	ND		U	0.00134	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Endosulfan II	ND		U	0.00218	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Endosulfan sulfate	ND		U	0.00179	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Endrin	ND		U	0.00271	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Endrin aldehyde	ND		U	0.00403	0.00538	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Endrin ketone	ND		U	0.00264	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
gamma-BHC (Lindane)	ND		U	0.00230	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
gamma-Chlordane	ND		U	0.00298	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Heptachlor	ND		U	0.00183	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Heptachlor epoxide	ND		U	0.000984	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Methoxychlor	ND		U	0.00259	0.00358	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
Toxaphene	ND		U	0.0713	0.0896	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ
* Chlordane, total	ND		U	0.0130	0.0179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:28	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*32.1 %*			*30-150*	*EPA 8081B*	*8/20/26 15:28*
Surrogate: Tetrachloro-m-xylene	*43.8 %*			*30-150*	*EPA 8081B*	*8/20/26 15:28*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:39	RJ
gamma-BHC (Lindane)	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:39	RJ
Heptachlor	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:39	RJ
Heptachlor epoxide	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:39	RJ
Methoxychlor	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:39	RJ
Toxaphene	ND		U	0.00111	0.00111	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:39	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*50.9 %*			*30-150*	*EPA 8081B/1311*	*8/21/26 11:39*
Surrogate: Tetrachloro-m-xylene	*65.8 %*			*30-150*	*EPA 8081B/1311*	*8/21/26 11:39*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1221	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1232	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1242	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1248	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1254	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1260	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1262	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
Aroclor 1268	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF
* Total PCBs	ND		U	0.0538	0.0538	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:08	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*45.0 %*			*30-120*	*EPA 8082A*	*8/20/26 18:08*
Surrogate: Decachlorobiphenyl	*28.5 %*	S-GC, S-08		*30-120*	*EPA 8082A*	*8/20/26 18:08*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	0.00100	0.00500	1	mg/L	EPA 8151A/1311	8/20/26 11:16	8/20/26 19:00	gxb

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4-D	ND		U	0.00217	0.00500	1	mg/L	EPA 8151A/1311	8/20/26 11:16	8/20/26 19:00	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*45.4 %*			*10-130*	*EPA 8151A/1311*	*8/20/26 19:00*

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Barium	ND			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR
Zinc	ND		U	0.110	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:06	AGNR

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4400**			4.35	4.35	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Antimony	ND		U	2.17	2.17	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Arsenic	**4.07**			1.31	1.31	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Barium	**45.7**			2.17	2.17	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Beryllium	**3.12**			0.044	0.044	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Cadmium	**0.687**			0.261	0.261	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Calcium	**6590**			4.35	4.35	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Chromium	**12.8**			0.435	0.435	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Cobalt	**4.75**			0.348	0.348	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Copper	**22.3**			1.74	1.74	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Iron	**14700**			21.7	21.7	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Lead	**73.1**			0.435	0.435	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Magnesium	**2590**			4.35	4.35	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Manganese	**226**			0.435	0.435	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Nickel	**20.7**			0.867	0.867	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Potassium	**711**			4.35	4.35	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Selenium	ND		U	2.17	2.17	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Silver	ND		U	0.439	0.439	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Sodium	**90.7**			43.5	43.5	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Thallium	ND			1.04	1.74	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Vanadium	**19.8**			0.867	0.867	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR
Zinc	**69.2**			2.17	2.17	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:33	AGNR

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.0802**			0.0102	0.0324	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:41	LCB

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.197	0.539	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**8.20**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:57	JSJ
* Temperature	**22.3**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:57	JSJ
Cyanide, total	ND		U	0.317	0.539	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-25**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55	**Collection Date/Time:**	8/13/26 11:55

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-25**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/P	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:31	8/18/26 11:05	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:40	8/18/26 11:13	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-26**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55-G4	**Collection Date/Time:**	8/13/26 11:50

Lab ID:	**26H0771-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2-Dibromoethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-26**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55-G4	**Collection Date/Time:**	8/13/26 11:50

Lab ID:	**26H0771-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,3-Dichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
2-Butanone	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
2-Chlorotoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
2-Hexanone	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
4-Chlorotoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Acetone	ND	CCVE	U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Acrolein	ND	CCVE	U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Acrylonitrile	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Benzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Bromobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Bromochloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Bromodichloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Bromoform	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Bromomethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Carbon disulfide	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Carbon tetrachloride	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Chlorobenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Chloroethane	ND	CCVE	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Chloroform	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Chloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
cis-1,3-Dichloropropylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Cyclohexane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Dibromochloromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Dibromomethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Dichlorodifluoromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0043	0.0085	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* Ethanol	ND	CCVE, QL-02	U	0.043	0.085	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Ethyl Benzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0043	0.0085	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Hexachlorobutadiene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* Iodomethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Isopropylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Methyl acetate	ND	CCVE	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Methyl Methacrylate	ND	CCVE	U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Methylcyclohexane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-26**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-55-G4	**Collection Date/Time:**	8/13/26 11:50

Lab ID:	**26H0771-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methylene chloride	ND	CCVE	U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Naphthalene	ND	QL-02	U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
n-Butylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
n-Propylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
o-Xylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
p- & m- Xylenes	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
sec-Butylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Styrene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.043	0.085	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0043	0.0085	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.027	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
tert-Butylbenzene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Tetrachloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* Tetrahydrofuran	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Toluene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Trichloroethylene	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Vinyl acetate	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Vinyl Chloride	ND		U	0.0027	0.0053	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS
Xylenes, Total	ND		U	0.0080	0.016	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:02	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/27/26 13:02*
Surrogate: SURR: Toluene-d8	*91.6 %*			*85-120*	*EPA 8260D*	*8/27/26 13:02*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*76-130*	*EPA 8260D*	*8/27/26 13:02*

Lab ID:	**26H0771-26**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.9**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
1,2-Dichloroethane	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
1,4-Dichlorobenzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
2-Butanone	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Benzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Carbon tetrachloride	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Chlorobenzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Chloroform	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Tetrachloroethylene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Trichloroethylene	ND	QL-02	U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS
Vinyl Chloride	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:17	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*65-135*	*EPA 8260D/1311*	*8/24/26 22:17*
Surrogate: SURR: Toluene-d8	*88.0 %*			*86-118*	*EPA 8260D/1311*	*8/24/26 22:17*
Surrogate: SURR: p-Bromofluorobenzene	*113 %*			*84.2-124*	*EPA 8260D/1311*	*8/24/26 22:17*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0374	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0306	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
1,2,4-Trichlorobenzene	ND		U	0.0332	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
1,2-Dichlorobenzene	ND		U	0.0286	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0288	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
1,3-Dichlorobenzene	ND		U	0.0334	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
1,4-Dichlorobenzene	ND		U	0.0275	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0432	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,4,5-Trichlorophenol	ND		U	0.0429	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,4,6-Trichlorophenol	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,4-Dichlorophenol	ND		U	0.0315	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,4-Dimethylphenol	ND		U	0.0392	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,4-Dinitrophenol	ND		U	0.0352	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,4-Dinitrotoluene	ND		U	0.0342	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2,6-Dinitrotoluene	ND		U	0.0375	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2-Chloronaphthalene	ND		U	0.0300	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0269	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2-Methylnaphthalene	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2-Methylphenol	ND		U	0.0287	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2-Nitroaniline	ND		U	0.0255	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
2-Nitrophenol	ND		U	0.0402	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
* 3- & 4-Methylphenols	ND		U	0.0282	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
3,3-Dichlorobenzidine	ND		U	0.0277	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
3-Nitroaniline	ND		U	0.0342	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0471	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4-Bromophenyl phenyl ether	ND		U	0.0372	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4-Chloro-3-methylphenol	ND		U	0.0299	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4-Chloroaniline	ND		U	0.0284	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4-Chlorophenyl phenyl ether	ND		U	0.0375	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4-Nitroaniline	ND		U	0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
4-Nitrophenol	ND		U	0.0533	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Acenaphthene	ND		U	0.0334	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Acenaphthylene	ND		U	0.0288	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Acetophenone	ND		U	0.0276	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Aniline	ND		U	0.0392	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Anthracene	**0.0321**	J	J	0.0301	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Atrazine	ND		U	0.0322	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzaldehyde	ND		U	0.0328	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzidine	ND		U	0.0109	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzo(a)anthracene	**0.172**			0.0295	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzo(a)pyrene	**0.183**			0.0333	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzo(b)fluoranthene	**0.175**			0.0339	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzo(g,h,i)perylene	**0.113**			0.0323	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzo(k)fluoranthene	**0.125**			0.0333	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzoic acid	ND		U	0.0379	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzyl alcohol	ND		U	0.0280	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Benzyl butyl phthalate	ND		U	0.0394	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Bis(2-chloroethoxy)methane	ND		U	0.0281	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Bis(2-chloroethyl)ether	ND		U	0.0210	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0400	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Bis(2-ethylhexyl)phthalate	**0.0559**	J	J	0.0390	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Caprolactam	ND		U	0.0440	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Carbazole	ND		U	0.0300	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Chrysene	**0.159**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Dibenzo(a,h)anthracene	ND		U	0.0271	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Dibenzofuran	ND		U	0.0299	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Diethyl phthalate	ND		U	0.0344	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Dimethyl phthalate	ND		U	0.0309	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Di-n-butyl phthalate	ND		U	0.0380	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Di-n-octyl phthalate	ND		U	0.0289	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Fluoranthene	**0.297**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	ND		U	0.0341	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Hexachlorobenzene	ND		U	0.0366	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Hexachlorobutadiene	ND		U	0.0302	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Hexachlorocyclopentadiene	ND		U	0.0454	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Hexachloroethane	ND		U	0.0350	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Indeno(1,2,3-cd)pyrene	**0.109**			0.0350	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Isophorone	ND		U	0.0302	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Naphthalene	ND		U	0.0315	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Nitrobenzene	ND		U	0.0305	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
N-Nitrosodimethylamine	ND		U	0.0393	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
N-nitroso-di-n-propylamine	ND		U	0.0294	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
N-Nitrosodiphenylamine	ND		U	0.0364	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Pentachlorophenol	ND		U	0.0402	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Phenanthrene	**0.109**			0.0290	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Phenol	ND		U	0.0381	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr
Pyrene	**0.258**			0.0284	0.0902	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 18:42	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*49.6 %*			*20-108*	*EPA 8270E*	*8/21/26 18:42*
Surrogate: SURR: Phenol-d6	*45.8 %*			*23-114*	*EPA 8270E*	*8/21/26 18:42*
Surrogate: SURR: Nitrobenzene-d5	*50.0 %*			*22-108*	*EPA 8270E*	*8/21/26 18:42*
Surrogate: SURR: 2-Fluorobiphenyl	*52.1 %*			*21-113*	*EPA 8270E*	*8/21/26 18:42*
Surrogate: SURR: 2,4,6-Tribromophenol	*52.7 %*			*19-110*	*EPA 8270E*	*8/21/26 18:42*
Surrogate: SURR: Terphenyl-d14	*49.6 %*			*24-116*	*EPA 8270E*	*8/21/26 18:42*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	EXT-EM

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
2-Methylphenol	ND		U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
* 3- & 4-Methylphenols	ND		U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
Pentachlorophenol	ND		U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:20	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	EXT-EM

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*42.8 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 21:20*
Surrogate: SURR: Phenol-d6	*26.9 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 21:20*
Surrogate: SURR: Nitrobenzene-d5	*69.2 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 21:20*
Surrogate: SURR: 2-Fluorobiphenyl	*55.2 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 21:20*
Surrogate: SURR: 2,4,6-Tribromophenol	*74.0 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 21:20*
Surrogate: SURR: Terphenyl-d14	*74.7 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 21:20*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00671**		D	0.00349	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
4,4'-DDE [2C]	ND		U	0.00148	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
4,4'-DDT	**0.00636**		D	0.00293	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Aldrin	ND		U	0.00116	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
alpha-BHC	ND		U	0.00506	0.00552	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
alpha-Chlordane [2C]	ND		U	0.00221	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
beta-BHC	ND		U	0.00580	0.00828	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
delta-BHC	ND		U	0.00513	0.00552	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Dieldrin	ND		U	0.00270	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Endosulfan I	ND		U	0.00138	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Endosulfan II	ND		U	0.00223	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Endosulfan sulfate	ND		U	0.00184	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Endrin	ND		U	0.00278	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Endrin aldehyde	ND		U	0.00414	0.00552	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Endrin ketone	ND		U	0.00271	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
gamma-BHC (Lindane)	ND		U	0.00236	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
gamma-Chlordane	ND		U	0.00306	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Heptachlor	ND		U	0.00188	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Heptachlor epoxide	ND		U	0.00101	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Methoxychlor	ND		U	0.00266	0.00368	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
Toxaphene	ND		U	0.0732	0.0920	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ
* Chlordane, total	ND		U	0.0134	0.0184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 15:45	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.1 %*			*30-150*	*EPA 8081B*	*8/20/26 15:45*
Surrogate: Tetrachloro-m-xylene	*68.3 %*			*30-150*	*EPA 8081B*	*8/20/26 15:45*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:55	RJ
gamma-BHC (Lindane)	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:55	RJ
Heptachlor	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:55	RJ
Heptachlor epoxide	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:55	RJ
Methoxychlor	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:55	RJ
Toxaphene	ND		U	0.00111	0.00111	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 11:55	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.0 %*			*30-150*	*EPA 8081B/1311*	*8/21/26 11:55*
Surrogate: Tetrachloro-m-xylene	*58.9 %*			*30-150*	*EPA 8081B/1311*	*8/21/26 11:55*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1242	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1254	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1260	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF
* Total PCBs	ND		U	0.0552	0.0552	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:22	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*65.5 %*			*30-120*	*EPA 8082A*	*8/20/26 18:22*
Surrogate: Decachlorobiphenyl	*45.0 %*			*30-120*	*EPA 8082A*	*8/20/26 18:22*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	0.00100	0.00500	1	mg/L	EPA 8151A/1311	8/20/26 11:16	8/20/26 19:07	gxb

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4-D	ND		U	0.00217	0.00500	1	mg/L	EPA 8151A/1311	8/20/26 11:16	8/20/26 19:07	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*42.2 %*			*10-130*	*EPA 8151A/1311*	*8/20/26 19:07*

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Barium	**0.722**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Lead	**0.192**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR
Zinc	ND		U	0.110	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:08	AGNR

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4820**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Antimony	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Arsenic	**3.86**			1.38	1.38	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Barium	**56.5**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Beryllium	**0.269**			0.047	0.047	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Cadmium	**0.480**			0.277	0.277	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Calcium	**1900**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Chromium	**16.4**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Cobalt	**5.25**			0.369	0.369	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Copper	**31.6**			1.85	1.85	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Iron	**12000**			23.1	23.1	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Lead	**84.5**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Magnesium	**2070**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Manganese	**154**			0.462	0.462	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Nickel	**33.1**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Potassium	**766**			4.62	4.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Selenium	ND		U	2.31	2.31	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Silver	ND		U	0.465	0.465	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Sodium	**78.4**			46.2	46.2	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Thallium	ND		U	1.11	1.85	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Vanadium	**22.1**			0.920	0.920	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR
Zinc	**97.4**			2.30	2.30	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:34	AGNR

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.291**			0.0105	0.0332	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:41	LCB

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.202	0.554	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**8.05**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:58	JSJ
* Temperature	**22.4**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:58	JSJ
Cyanide, total	ND		U	0.326	0.554	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.3**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-27**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56	**Collection Date/Time:**	8/13/26 12:15

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-27**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:31	8/18/26 11:05	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:40	8/18/26 11:13	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-28**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56-G5	**Collection Date/Time:**	8/13/26 12:10

Lab ID:	**26H0771-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1,1-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1,2-Trichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,1-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2,3-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2,3-Trichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* 1,2,4,5-Tetramethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2,4-Trichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2,4-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2-Dibromoethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,2-Dichloroethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-28**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56-G5	**Collection Date/Time:**	8/13/26 12:10

Lab ID:	**26H0771-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,3,5-Trimethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,3-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,3-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
1,4-Dichlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
2,2-Dichloropropane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
2-Butanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.022	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
2-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
2-Hexanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
4-Chlorotoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
4-Methyl-2-pentanone	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Acetone	ND	CCVE	U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Acrolein	ND	CCVE	U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Acrylonitrile	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Bromobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Bromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Bromodichloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Bromoform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Bromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Carbon disulfide	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Carbon tetrachloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Chlorobenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Chloroethane	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Chloroform	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Chloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
cis-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
cis-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Cyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Dibromochloromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Dibromomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Dichlorodifluoromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* Ethanol	ND	QL-02, CCVE	U	0.043	0.086	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Ethyl Benzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Hexachlorobutadiene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* Iodomethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Isopropylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Methyl acetate	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Methyl Methacrylate	ND	CCVE	U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Methylcyclohexane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-28**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-56-G5	**Collection Date/Time:**	8/13/26 12:10

Lab ID:	**26H0771-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methylene chloride	ND	CCVE	U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Naphthalene	ND	QL-02	U	0.0027	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
n-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
n-Propylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
o-Xylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
p- & m- Xylenes	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* p-Diethylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* p-Ethyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
p-Isopropyltoluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
sec-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Styrene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.043	0.086	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0043	0.0086	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.027	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
tert-Butylbenzene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Tetrachloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* Tetrahydrofuran	ND		U	0.0054	0.011	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Toluene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
trans-1,2-Dichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
trans-1,3-Dichloropropylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Trichloroethylene	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Trichlorofluoromethane	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Vinyl acetate	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Vinyl Chloride	ND		U	0.0027	0.0054	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS
Xylenes, Total	ND		U	0.0081	0.016	1	mg/kg dry	EPA 8260D	8/26/26 13:27	8/27/26 13:31	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/27/26 13:31*
Surrogate: SURR: Toluene-d8	*91.0 %*			*85-120*	*EPA 8260D*	*8/27/26 13:31*
Surrogate: SURR: p-Bromofluorobenzene	*108 %*			*76-130*	*EPA 8260D*	*8/27/26 13:31*

Lab ID:	**26H0771-28**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.1**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
1,2-Dichloroethane	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
1,4-Dichlorobenzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
2-Butanone	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Benzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Carbon tetrachloride	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Chlorobenzene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Chloroform	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Tetrachloroethylene	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Trichloroethylene	ND	QL-02	U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS
Vinyl Chloride	ND		U	0.025	0.050	10	mg/L	EPA 8260D/1311	8/21/26 10:39	8/24/26 22:46	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*			*65-135*	*EPA 8260D/1311*	*8/24/26 22:46*
Surrogate: SURR: Toluene-d8	*87.7 %*			*86-118*	*EPA 8260D/1311*	*8/24/26 22:46*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*84.2-124*	*EPA 8260D/1311*	*8/24/26 22:46*

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0425	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0348	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
1,2,4-Trichlorobenzene	ND		U	0.0377	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
1,2-Dichlorobenzene	ND		U	0.0325	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0327	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
1,3-Dichlorobenzene	ND		U	0.0380	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
1,4-Dichlorobenzene	ND		U	0.0313	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0491	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,4,5-Trichlorophenol	ND		U	0.0487	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,4,6-Trichlorophenol	ND		U	0.0315	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,4-Dichlorophenol	ND		U	0.0358	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,4-Dimethylphenol	ND		U	0.0445	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,4-Dinitrophenol	ND		U	0.0400	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,4-Dinitrotoluene	ND		U	0.0389	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2,6-Dinitrotoluene	ND		U	0.0427	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2-Chloronaphthalene	ND		U	0.0341	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2-Chlorophenol	ND		U	0.0306	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2-Methylnaphthalene	**0.0439**	J	J	0.0314	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2-Methylphenol	ND		U	0.0327	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2-Nitroaniline	ND		U	0.0290	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
2-Nitrophenol	ND		U	0.0457	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
* 3- & 4-Methylphenols	ND		U	0.0321	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
3,3-Dichlorobenzidine	ND		U	0.0315	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
3-Nitroaniline	ND		U	0.0389	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0536	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4-Bromophenyl phenyl ether	ND		U	0.0423	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4-Chloro-3-methylphenol	ND		U	0.0340	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4-Chloroaniline	ND		U	0.0322	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4-Chlorophenyl phenyl ether	ND		U	0.0426	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4-Nitroaniline	ND		U	0.0367	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
4-Nitrophenol	ND		U	0.0606	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Acenaphthene	**0.174**			0.0380	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Acenaphthylene	**0.0345**	J	J	0.0328	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Acetophenone	ND		U	0.0314	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Aniline	ND		U	0.0446	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Anthracene	**0.326**			0.0343	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Atrazine	ND		U	0.0366	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzaldehyde	ND		U	0.0373	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzidine	ND		U	0.0124	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzo(a)anthracene	**0.625**			0.0335	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzo(a)pyrene	**0.630**			0.0379	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzo(b)fluoranthene	**0.553**			0.0386	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzo(g,h,i)perylene	**0.340**			0.0367	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzo(k)fluoranthene	**0.386**			0.0379	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzoic acid	ND		U	0.0431	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzyl alcohol	ND		U	0.0318	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Benzyl butyl phthalate	ND		U	0.0448	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Bis(2-chloroethoxy)methane	ND		U	0.0320	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Bis(2-chloroethyl)ether	ND		U	0.0238	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0455	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0443	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Caprolactam	ND		U	0.0500	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Carbazole	**0.114**			0.0341	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Chrysene	**0.566**			0.0329	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Dibenzo(a,h)anthracene	**0.0324**	J	J	0.0308	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Dibenzofuran	**0.0960**	J	J	0.0339	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Diethyl phthalate	ND		U	0.0391	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Dimethyl phthalate	ND		U	0.0351	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Di-n-butyl phthalate	ND		U	0.0432	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Di-n-octyl phthalate	ND		U	0.0328	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Fluoranthene	**1.84**		E	0.0330	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Fluorene	**0.164**			0.0388	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Hexachlorobenzene	ND		U	0.0416	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Hexachlorobutadiene	ND		U	0.0343	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Hexachlorocyclopentadiene	ND		U	0.0516	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Hexachloroethane	ND		U	0.0398	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Indeno(1,2,3-cd)pyrene	**0.331**			0.0397	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Isophorone	ND		U	0.0344	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Naphthalene	**0.0410**	J	J	0.0358	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Nitrobenzene	ND		U	0.0346	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
N-Nitrosodimethylamine	ND		U	0.0447	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
N-nitroso-di-n-propylamine	ND		U	0.0335	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
N-Nitrosodiphenylamine	ND		U	0.0413	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Pentachlorophenol	ND		U	0.0457	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Phenanthrene	**1.81**		E	0.0330	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Phenol	ND		U	0.0433	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr
Pyrene	**1.45**			0.0323	0.103	1	mg/kg dry	EPA 8270E	8/17/26 11:08	8/21/26 19:14	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*25.5 %*			*20-108*	*EPA 8270E*	*8/21/26 19:14*
Surrogate: SURR: 2-Fluorophenol	*29.6 %*			*20-108*	*EPA 8270E*	*8/24/26 15:54*
Surrogate: SURR: Phenol-d6	*23.4 %*			*23-114*	*EPA 8270E*	*8/21/26 19:14*
Surrogate: SURR: Phenol-d6	*29.4 %*			*23-114*	*EPA 8270E*	*8/24/26 15:54*
Surrogate: SURR: Nitrobenzene-d5	*30.9 %*			*22-108*	*EPA 8270E*	*8/24/26 15:54*
Surrogate: SURR: Nitrobenzene-d5	*26.7 %*			*22-108*	*EPA 8270E*	*8/21/26 19:14*
Surrogate: SURR: 2-Fluorobiphenyl	*24.2 %*			*21-113*	*EPA 8270E*	*8/24/26 15:54*
Surrogate: SURR: 2-Fluorobiphenyl	*25.6 %*			*21-113*	*EPA 8270E*	*8/21/26 19:14*
Surrogate: SURR: 2,4,6-Tribromophenol	*20.3 %*			*19-110*	*EPA 8270E*	*8/24/26 15:54*
Surrogate: SURR: 2,4,6-Tribromophenol	*29.4 %*			*19-110*	*EPA 8270E*	*8/21/26 19:14*
Surrogate: SURR: Terphenyl-d14	*27.1 %*			*24-116*	*EPA 8270E*	*8/21/26 19:14*
Surrogate: SURR: Terphenyl-d14	*28.2 %*			*24-116*	*EPA 8270E*	*8/24/26 15:54*

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,4-Dichlorobenzene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
2,4,5-Trichlorophenol	ND		U	0.00227	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
2,4,6-Trichlorophenol	ND		U	0.00181	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
2,4-Dinitrotoluene	ND		U	0.00154	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
2-Methylphenol	ND		U	0.00194	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
* 3- & 4-Methylphenols	ND		U	0.00184	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
* Cresols, total	ND		U	0.0200	0.0300	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
Hexachlorobenzene	ND		U	0.00177	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Hexachlorobutadiene	ND		U	0.00178	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
Hexachloroethane	ND		U	0.00134	0.00500	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
Nitrobenzene	ND		U	0.00180	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
Pentachlorophenol	ND		U	0.00500	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr
Pyridine	ND		U	0.00164	0.0100	1	mg/L	EPA 8270E/1311	8/18/26 10:02	8/19/26 21:51	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*46.2 %*			*10-90.9*	*EPA 8270E/1311*	*8/19/26 21:51*
Surrogate: SURR: Phenol-d6	*27.3 %*			*10-69.2*	*EPA 8270E/1311*	*8/19/26 21:51*
Surrogate: SURR: Nitrobenzene-d5	*57.8 %*			*19.2-141*	*EPA 8270E/1311*	*8/19/26 21:51*
Surrogate: SURR: 2-Fluorobiphenyl	*63.7 %*			*24.8-127*	*EPA 8270E/1311*	*8/19/26 21:51*
Surrogate: SURR: 2,4,6-Tribromophenol	*65.6 %*			*23-163*	*EPA 8270E/1311*	*8/19/26 21:51*
Surrogate: SURR: Terphenyl-d14	*80.4 %*			*25.8-110*	*EPA 8270E/1311*	*8/19/26 21:51*

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00481**		D	0.00395	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
4,4'-DDE	**0.00243**	P	DP	0.00168	0.00208	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
4,4'-DDT	ND		U	0.00332	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Aldrin	ND		U	0.00132	0.00208	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
alpha-BHC	ND		U	0.00573	0.00625	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
alpha-Chlordane	ND		U	0.00251	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
beta-BHC	ND		U	0.00657	0.00938	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
delta-BHC	ND		U	0.00581	0.00625	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Dieldrin	ND		U	0.00306	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Endosulfan I	ND		U	0.00156	0.00208	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Endosulfan II	ND		U	0.00253	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Endosulfan sulfate	ND		U	0.00209	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Endrin	ND		U	0.00315	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Endrin aldehyde	ND		U	0.00469	0.00625	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Endrin ketone	ND		U	0.00307	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
gamma-BHC (Lindane)	ND		U	0.00267	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
gamma-Chlordane	ND		U	0.00346	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Heptachlor	ND		U	0.00213	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Heptachlor epoxide	ND		U	0.00115	0.00208	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Methoxychlor	ND		U	0.00301	0.00417	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
Toxaphene	ND		U	0.0829	0.104	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ
* Chlordane, total	ND		U	0.0151	0.0208	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:02	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*42.7 %*			*30-150*	*EPA 8081B*	*8/20/26 16:02*

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*79.6 %*			*30-150*	*EPA 8081B*	*8/20/26 16:02*

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Endrin	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 12:12	RJ
gamma-BHC (Lindane)	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 12:12	RJ
Heptachlor	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 12:12	RJ
Heptachlor epoxide	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 12:12	RJ
Methoxychlor	ND		U	0.0000444	0.0000444	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 12:12	RJ
Toxaphene	ND		U	0.00111	0.00111	1	mg/L	EPA 8081B/1311	8/20/26 9:22	8/21/26 12:12	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*48.2 %*			*30-150*	*EPA 8081B/1311*	*8/21/26 12:12*
Surrogate: Tetrachloro-m-xylene	*56.2 %*			*30-150*	*EPA 8081B/1311*	*8/21/26 12:12*

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1221	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1232	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1242	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1248	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1254	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1260	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1262	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
Aroclor 1268	ND		U	0.0208	0.0208	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF
* Total PCBs	ND		U	0.0625	0.0625	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:36	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*55.0 %*			*30-120*	*EPA 8082A*	*8/20/26 18:36*
Surrogate: Decachlorobiphenyl	*36.5 %*			*30-120*	*EPA 8082A*	*8/20/26 18:36*

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
2,4,5-TP (Silvex)	ND		U	0.00100	0.00500	1	mg/L	EPA 8151A/1311	8/19/26 10:00	8/20/26 20:07	gxb
2,4-D	ND		U	0.00217	0.00500	1	mg/L	EPA 8151A/1311	8/19/26 10:00	8/20/26 20:07	gxb

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*43.6 %*			*10-130*	*EPA 8151A/1311*	*8/20/26 20:07*

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Barium	**0.835**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Beryllium	ND		U	0.00250	0.0125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Copper	ND		U	0.0919	0.500	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Lead	**0.660**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Nickel	ND		U	0.0343	0.250	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR
Zinc	ND		U	0.110	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:09	AGNR

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7100**			5.25	5.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Antimony	ND		U	2.62	2.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Arsenic	**4.71**			1.57	1.57	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Barium	**118**			2.62	2.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Beryllium	**0.307**			0.053	0.053	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Cadmium	**0.483**			0.315	0.315	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Calcium	**4400**			5.25	5.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Chromium	**20.9**			0.525	0.525	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Cobalt	**7.38**			0.419	0.419	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Copper	**43.4**			2.10	2.10	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Iron	**13100**			26.2	26.2	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Lead	**254**			0.525	0.525	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Magnesium	**3040**			5.25	5.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Manganese	**250**			0.525	0.525	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Nickel	**44.3**			1.05	1.05	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Potassium	**1130**			5.25	5.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Selenium	ND		U	2.62	2.62	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Silver	ND		U	0.529	0.529	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Sodium	**111**			52.5	52.5	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Thallium	ND		U	1.26	2.10	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Vanadium	**28.7**			1.05	1.05	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR
Zinc	**229**			2.61	2.61	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:36	AGNR

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.109**			0.0120	0.0378	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:41	LCB

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	**2.78**			0.230	0.630	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.64**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 16:59	JSJ
* Temperature	**22.5**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 16:59	JSJ
Cyanide, total	ND		U	0.370	0.630	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**79.4**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-29**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57	**Collection Date/Time:**	8/13/26 12:30

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Paint Filter Test	Free Liquid Present			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-29**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:31	8/18/26 11:05	TAJ
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:40	8/18/26 11:13	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-30**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57-G6	**Collection Date/Time:**	8/13/26 12:25

Lab ID:	**26H0771-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-30**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57-G6	**Collection Date/Time:**	8/13/26 12:25

Lab ID:	**26H0771-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
2-Butanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Acetone	ND	CCVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Acrolein	ND	CCVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Carbon disulfide	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Chloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Dichlorodifluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0046	0.0092	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* Ethanol	ND		U	0.046	0.092	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0046	0.0092	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Hexachlorobutadiene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-30**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-31-CS-57-G6	**Collection Date/Time:**	8/13/26 12:25

Lab ID:	**26H0771-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.046	0.092	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0046	0.0092	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.014	0.029	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Tetrachloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS
Xylenes, Total	ND		U	0.0086	0.017	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 13:53	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/26/26 13:53*
Surrogate: SURR: Toluene-d8	*91.6 %*			*85-120*	*EPA 8260D*	*8/26/26 13:53*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*76-130*	*EPA 8260D*	*8/26/26 13:53*

Lab ID:	**26H0771-30**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.1**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-31**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58	**Collection Date/Time:**	8/13/26 12:50

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0363	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0297	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
1,2,4-Trichlorobenzene	ND		U	0.0322	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
1,2-Dichlorobenzene	ND		U	0.0278	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0280	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
1,3-Dichlorobenzene	ND		U	0.0325	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
1,4-Dichlorobenzene	ND		U	0.0267	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0420	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,4,5-Trichlorophenol	ND		U	0.0417	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,4,6-Trichlorophenol	ND		U	0.0269	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,4-Dichlorophenol	ND		U	0.0306	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,4-Dimethylphenol	ND		U	0.0381	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,4-Dinitrophenol	ND		U	0.0342	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,4-Dinitrotoluene	ND		U	0.0333	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2,6-Dinitrotoluene	ND		U	0.0365	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2-Chloronaphthalene	ND		U	0.0292	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2-Chlorophenol	ND		U	0.0262	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2-Methylnaphthalene	ND		U	0.0269	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2-Methylphenol	ND		U	0.0279	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2-Nitroaniline	ND		U	0.0248	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
2-Nitrophenol	ND		U	0.0391	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
* 3- & 4-Methylphenols	ND		U	0.0274	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
3,3-Dichlorobenzidine	ND		U	0.0269	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
3-Nitroaniline	ND		U	0.0333	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0458	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4-Bromophenyl phenyl ether	ND		U	0.0362	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4-Chloro-3-methylphenol	ND		U	0.0290	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4-Chloroaniline	ND		U	0.0276	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4-Chlorophenyl phenyl ether	ND		U	0.0364	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4-Nitroaniline	ND		U	0.0314	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
4-Nitrophenol	ND		U	0.0518	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Acenaphthene	ND		U	0.0325	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Acenaphthylene	**0.0431**	J	J	0.0280	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Acetophenone	ND		U	0.0269	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Aniline	ND		U	0.0381	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Anthracene	**0.102**			0.0293	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Atrazine	ND		U	0.0313	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzaldehyde	ND		U	0.0319	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzidine	ND		U	0.0106	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzo(a)anthracene	**0.471**			0.0286	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzo(a)pyrene	**0.570**			0.0324	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzo(b)fluoranthene	**0.510**			0.0330	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzo(g,h,i)perylene	**0.348**			0.0314	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzo(k)fluoranthene	**0.390**			0.0324	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-31**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58	**Collection Date/Time:**	8/13/26 12:50

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0369	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzyl alcohol	ND		U	0.0272	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Benzyl butyl phthalate	ND		U	0.0383	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Bis(2-chloroethoxy)methane	ND		U	0.0273	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Bis(2-chloroethyl)ether	ND		U	0.0204	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0389	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0379	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Caprolactam	ND		U	0.0427	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Carbazole	**0.0474**	J	J	0.0292	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Chrysene	**0.424**			0.0282	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Dibenzo(a,h)anthracene	**0.0344**	J	J	0.0263	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Dibenzofuran	ND		U	0.0290	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Diethyl phthalate	ND		U	0.0334	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Dimethyl phthalate	ND		U	0.0300	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Di-n-butyl phthalate	ND		U	0.0369	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Di-n-octyl phthalate	ND		U	0.0281	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Fluoranthene	**0.889**			0.0282	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Fluorene	ND		U	0.0332	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Hexachlorobenzene	ND		U	0.0355	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Hexachlorobutadiene	ND		U	0.0293	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Hexachlorocyclopentadiene	ND		U	0.0441	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Hexachloroethane	ND		U	0.0340	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Indeno(1,2,3-cd)pyrene	**0.342**			0.0340	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Isophorone	ND		U	0.0294	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Naphthalene	ND		U	0.0306	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Nitrobenzene	ND		U	0.0296	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
N-Nitrosodimethylamine	ND		U	0.0382	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
N-nitroso-di-n-propylamine	ND		U	0.0286	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
N-Nitrosodiphenylamine	ND		U	0.0353	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Pentachlorophenol	ND		U	0.0391	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Phenanthrene	**0.348**			0.0282	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Phenol	ND		U	0.0370	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr
Pyrene	**0.757**			0.0276	0.0877	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 19:46	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*51.4 %*			*20-108*	*EPA 8270E*	*8/21/26 19:46*
Surrogate: SURR: Phenol-d6	*46.0 %*			*23-114*	*EPA 8270E*	*8/21/26 19:46*
Surrogate: SURR: Nitrobenzene-d5	*53.3 %*			*22-108*	*EPA 8270E*	*8/21/26 19:46*
Surrogate: SURR: 2-Fluorobiphenyl	*51.1 %*			*21-113*	*EPA 8270E*	*8/21/26 19:46*
Surrogate: SURR: 2,4,6-Tribromophenol	*59.9 %*			*19-110*	*EPA 8270E*	*8/21/26 19:46*
Surrogate: SURR: Terphenyl-d14	*53.5 %*			*24-116*	*EPA 8270E*	*8/21/26 19:46*

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-31**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58	**Collection Date/Time:**	8/13/26 12:50

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00891**		D	0.00332	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
4,4'-DDE	**0.00710**		D	0.00141	0.00175	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
4,4'-DDT	**0.0113**		D	0.00279	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Aldrin	ND		U	0.00111	0.00175	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
alpha-BHC	ND		U	0.00482	0.00526	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
alpha-Chlordane [2C]	ND		U	0.00211	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
beta-BHC	ND		U	0.00553	0.00789	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
delta-BHC	ND		U	0.00489	0.00526	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Dieldrin	ND		U	0.00257	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Endosulfan I	ND		U	0.00131	0.00175	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Endosulfan II	ND		U	0.00213	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Endosulfan sulfate	ND		U	0.00176	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Endrin	ND		U	0.00265	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Endrin aldehyde	ND		U	0.00395	0.00526	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Endrin ketone	ND		U	0.00258	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
gamma-BHC (Lindane)	ND		U	0.00225	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
gamma-Chlordane	**0.00411**		D	0.00291	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Heptachlor	ND		U	0.00179	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Heptachlor epoxide	ND		U	0.000963	0.00175	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Methoxychlor	ND		U	0.00253	0.00351	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
Toxaphene	ND		U	0.0698	0.0877	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ
* Chlordane, total	ND		U	0.0127	0.0175	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/20/26 16:19	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*53.7 %*			*30-150*	*EPA 8081B*	*8/20/26 16:19*
Surrogate: Tetrachloro-m-xylene	*68.3 %*			*30-150*	*EPA 8081B*	*8/20/26 16:19*

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1221	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1232	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1242	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1248	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1254	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1260	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1262	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
Aroclor 1268	ND		U	0.0175	0.0175	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF
* Total PCBs	ND		U	0.0526	0.0526	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 18:49	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-31**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58	**Collection Date/Time:**	8/13/26 12:50

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*63.0 %*			*30-120*	*EPA 8082A*	*8/20/26 18:49*
Surrogate: Decachlorobiphenyl	*41.5 %*			*30-120*	*EPA 8082A*	*8/20/26 18:49*

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR
Barium	**1.07**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR
Lead	**0.390**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR
Silver	ND		U	0.022	0.125	1	mg/L	EPA 6010D/1311	8/19/26 7:46	8/19/26 16:11	AGNR

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7730**			4.40	4.40	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Antimony	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Arsenic	**4.06**			1.32	1.32	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Barium	**89.6**			2.20	2.20	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Beryllium	**0.238**			0.044	0.044	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Cadmium	**0.317**			0.264	0.264	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Calcium	**3230**			4.40	4.40	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Chromium	**20.4**			0.440	0.440	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Cobalt	**7.98**			0.352	0.352	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Copper	**46.8**			1.76	1.76	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Iron	**13700**			22.0	22.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Lead	**212**			0.440	0.440	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Magnesium	**3900**			4.40	4.40	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Manganese	**243**			0.440	0.440	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Nickel	**55.8**			0.876	0.876	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Potassium	**1450**			4.40	4.40	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Selenium	ND		U	2.20	2.20	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Silver	ND		U	0.443	0.443	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-31**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58	**Collection Date/Time:**	8/13/26 12:50

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**202**			44.0	44.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Thallium	ND		U	1.06	1.76	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Vanadium	**41.3**			0.876	0.876	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR
Zinc	**173**			2.19	2.19	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:43	AGNR

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**1.53**			0.0100	0.0317	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 09:41	LCB

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND	QM-07	U	0.193	0.528	1	mg/kg dry	EPA 7196A	8/19/26 15:01	8/19/26 19:15	sml
pH	**7.08**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/17/26 10:24	8/18/26 17:10	JSJ
* Temperature	**22.2**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/17/26 10:24	8/18/26 17:10	JSJ
Cyanide, total	ND		U	0.310	0.528	1	mg/kg dry	EPA 9014/9010C	8/18/26 8:32	8/18/26 13:40	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**94.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-31**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58	**Collection Date/Time:**	8/13/26 12:50

Lab ID:	**26H0771-31**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-32**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58-G7	**Collection Date/Time:**	8/13/26 12:45

Lab ID:	**26H0771-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
2-Butanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.012	0.023	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
2-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
2-Hexanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-32**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58-G7	**Collection Date/Time:**	8/13/26 12:45

Lab ID:	**26H0771-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Acetone	ND	CCVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Acrolein	ND	CCVE	U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Acrylonitrile	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Bromobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Bromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Bromodichloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Bromoform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Bromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Carbon disulfide	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Carbon tetrachloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Chlorobenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Chloroethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Chloroform	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Chloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Cyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Dibromochloromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Dibromomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Dichlorodifluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0046	0.0093	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* Ethanol	ND		U	0.046	0.093	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Ethyl Benzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0046	0.0093	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Hexachlorobutadiene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* Iodomethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Isopropylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Methyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Methylcyclohexane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Methylene chloride	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
n-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
n-Propylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
o-Xylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
p- & m- Xylenes	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
sec-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-32**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-27-CS-58-G7	**Collection Date/Time:**	8/13/26 12:45

Lab ID:	**26H0771-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.046	0.093	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0046	0.0093	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.014	0.029	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
tert-Butylbenzene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Tetrachloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* Tetrahydrofuran	ND		U	0.0058	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Toluene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Trichloroethylene	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Vinyl acetate	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Vinyl Chloride	ND		U	0.0029	0.0058	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS
Xylenes, Total	ND		U	0.0087	0.017	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:22	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/26/26 14:22*
Surrogate: SURR: Toluene-d8	*93.0 %*			*85-120*	*EPA 8260D*	*8/26/26 14:22*
Surrogate: SURR: p-Bromofluorobenzene	*111 %*			*76-130*	*EPA 8260D*	*8/26/26 14:22*

Lab ID:	**26H0771-32**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**97.1**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0382	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0313	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
1,2,4-Trichlorobenzene	ND		U	0.0339	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
1,2-Dichlorobenzene	ND		U	0.0292	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0294	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
1,3-Dichlorobenzene	ND		U	0.0341	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
1,4-Dichlorobenzene	ND		U	0.0281	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0442	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,4,5-Trichlorophenol	ND		U	0.0438	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,4,6-Trichlorophenol	ND		U	0.0283	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,4-Dichlorophenol	ND		U	0.0322	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,4-Dimethylphenol	ND		U	0.0401	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,4-Dinitrophenol	ND		U	0.0360	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,4-Dinitrotoluene	ND		U	0.0350	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2,6-Dinitrotoluene	ND		U	0.0384	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2-Chloronaphthalene	ND		U	0.0307	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2-Chlorophenol	ND		U	0.0275	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2-Methylnaphthalene	ND		U	0.0283	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2-Methylphenol	ND		U	0.0294	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2-Nitroaniline	ND		U	0.0261	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
2-Nitrophenol	ND		U	0.0411	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
* 3- & 4-Methylphenols	ND		U	0.0289	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
3,3-Dichlorobenzidine	ND		U	0.0283	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
3-Nitroaniline	ND		U	0.0350	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0482	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4-Bromophenyl phenyl ether	ND		U	0.0381	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4-Chloro-3-methylphenol	ND		U	0.0305	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4-Chloroaniline	ND		U	0.0290	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4-Chlorophenyl phenyl ether	ND		U	0.0383	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4-Nitroaniline	ND		U	0.0330	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
4-Nitrophenol	ND		U	0.0545	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Acenaphthene	ND		U	0.0342	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Acenaphthylene	ND		U	0.0295	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Acetophenone	ND		U	0.0282	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Aniline	ND		U	0.0401	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Anthracene	**0.0561**	J	J	0.0308	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Atrazine	ND		U	0.0330	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzaldehyde	ND		U	0.0335	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzidine	ND		U	0.0111	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzo(a)anthracene	**0.234**			0.0301	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzo(a)pyrene	**0.273**			0.0340	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzo(b)fluoranthene	**0.259**			0.0347	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzo(g,h,i)perylene	**0.172**			0.0330	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzo(k)fluoranthene	**0.181**			0.0341	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0388	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzyl alcohol	ND		U	0.0286	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Benzyl butyl phthalate	ND		U	0.0403	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Bis(2-chloroethoxy)methane	ND		U	0.0287	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Bis(2-chloroethyl)ether	ND		U	0.0214	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0409	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0398	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Caprolactam	ND		U	0.0450	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Carbazole	ND		U	0.0307	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Chrysene	**0.217**			0.0296	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Dibenzo(a,h)anthracene	ND		U	0.0277	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Dibenzofuran	ND		U	0.0305	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Diethyl phthalate	ND		U	0.0351	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Dimethyl phthalate	ND		U	0.0316	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Di-n-butyl phthalate	ND		U	0.0388	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Di-n-octyl phthalate	ND		U	0.0295	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Fluoranthene	**0.446**			0.0297	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Fluorene	ND		U	0.0349	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Hexachlorobenzene	ND		U	0.0374	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Hexachlorobutadiene	ND		U	0.0309	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Hexachlorocyclopentadiene	ND		U	0.0464	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Hexachloroethane	ND		U	0.0358	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Indeno(1,2,3-cd)pyrene	**0.163**			0.0357	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Isophorone	ND		U	0.0309	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Naphthalene	ND		U	0.0322	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Nitrobenzene	ND		U	0.0312	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
N-Nitrosodimethylamine	ND		U	0.0402	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
N-nitroso-di-n-propylamine	ND		U	0.0301	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
N-Nitrosodiphenylamine	ND		U	0.0372	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Pentachlorophenol	ND		U	0.0411	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Phenanthrene	**0.189**			0.0296	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Phenol	ND		U	0.0389	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr
Pyrene	**0.372**			0.0291	0.0922	1	mg/kg dry	EPA 8270E	8/20/26 9:14	8/21/26 20:18	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*57.9 %*			*20-108*	*EPA 8270E*	*8/21/26 20:18*
Surrogate: SURR: Phenol-d6	*51.5 %*			*23-114*	*EPA 8270E*	*8/21/26 20:18*
Surrogate: SURR: Nitrobenzene-d5	*60.5 %*			*22-108*	*EPA 8270E*	*8/21/26 20:18*
Surrogate: SURR: 2-Fluorobiphenyl	*52.6 %*			*21-113*	*EPA 8270E*	*8/21/26 20:18*
Surrogate: SURR: 2,4,6-Tribromophenol	*56.5 %*			*19-110*	*EPA 8270E*	*8/21/26 20:18*
Surrogate: SURR: Terphenyl-d14	*51.0 %*			*24-116*	*EPA 8270E*	*8/21/26 20:18*

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	ND		U	0.00349	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
4,4'-DDE	**0.00272**	P	DP	0.00148	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
4,4'-DDT	ND		U	0.00294	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Aldrin	ND		U	0.00117	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
alpha-BHC	ND		U	0.00507	0.00553	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
alpha-Chlordane [2C]	ND		U	0.00222	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
beta-BHC	ND		U	0.00582	0.00830	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
delta-BHC	ND		U	0.00514	0.00553	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Dieldrin	ND		U	0.00271	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Endosulfan I	ND		U	0.00138	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Endosulfan II	ND		U	0.00224	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Endosulfan sulfate	ND		U	0.00185	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Endrin	ND		U	0.00279	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Endrin aldehyde	ND		U	0.00415	0.00553	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Endrin ketone	ND		U	0.00272	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
gamma-BHC (Lindane)	ND		U	0.00237	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
gamma-Chlordane	ND		U	0.00306	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Heptachlor	ND		U	0.00188	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Heptachlor epoxide	ND		U	0.00101	0.00184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Methoxychlor	ND		U	0.00266	0.00369	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
Toxaphene	ND		U	0.0734	0.0922	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ
* Chlordane, total	ND		U	0.0134	0.0184	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:32	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*41.2 %*			*30-150*	*EPA 8081B*	*8/21/26 10:32*
Surrogate: Tetrachloro-m-xylene	*60.5 %*			*30-150*	*EPA 8081B*	*8/21/26 10:32*

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1221	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1232	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1242	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1248	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1254	**0.0241**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1260	**0.0230**			0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1262	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
Aroclor 1268	ND		U	0.0184	0.0184	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF
* Total PCBs	ND		U	0.0553	0.0553	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:03	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*56.5 %*			*30-120*	*EPA 8082A*	*8/20/26 19:03*
Surrogate: Decachlorobiphenyl	*40.5 %*			*30-120*	*EPA 8082A*	*8/20/26 19:03*

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR
Barium	**0.832**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR
Lead	**0.142**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR
Silver	ND			0.022	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:26	AGNR

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7240**			4.55	4.55	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Antimony	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Arsenic	**4.79**			1.37	1.37	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Barium	**75.1**			2.27	2.27	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Beryllium	**0.327**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Cadmium	**0.373**			0.273	0.273	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Calcium	**3320**			4.55	4.55	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Chromium	**27.8**			0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Cobalt	**8.11**			0.364	0.364	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Copper	**70.7**			1.82	1.82	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Iron	**16400**			22.8	22.8	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Lead	**120**			0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Magnesium	**3190**			4.55	4.55	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Manganese	**283**			0.455	0.455	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Nickel	**59.3**			0.907	0.907	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Potassium	**1140**			4.55	4.55	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Selenium	ND		U	2.28	2.28	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Silver	ND		U	0.459	0.459	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**143**			45.5	45.5	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Thallium	ND		U	1.09	1.82	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Vanadium	**30.9**			0.907	0.907	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR
Zinc	**155**			2.27	2.27	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:45	AGNR

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.483**			0.0105	0.0333	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 11:26	LCB

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.203	0.555	1	mg/kg dry	EPA 7196A	8/20/26 11:10	8/20/26 18:26	JMT
pH	**8.00**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/19/26 8:36	8/19/26 13:24	JSJ
* Temperature	**21.9**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/19/26 8:36	8/19/26 13:24	JSJ
Cyanide, total	ND	QM-07	U	0.327	0.555	1	mg/kg dry	EPA 9014/9010C	8/19/26 8:31	8/19/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.1**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-33**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59	**Collection Date/Time:**	8/13/26 13:10

Lab ID:	**26H0771-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-34**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59-G8	**Collection Date/Time:**	8/13/26 13:05

Lab ID:	**26H0771-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1,1-Trichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1,2-Trichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1-Dichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,1-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2,3-Trichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2,3-Trichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2,4-Trichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2,4-Trimethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2-Dibromoethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2-Dichloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,3,5-Trimethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,3-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,3-Dichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
1,4-Dichlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
2,2-Dichloropropane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
2-Butanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.0095	0.019	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
2-Chlorotoluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
2-Hexanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-34**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59-G8	**Collection Date/Time:**	8/13/26 13:05

Lab ID:	**26H0771-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
4-Methyl-2-pentanone	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Acetone	ND	CCVE	U	0.0048	0.0095	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Acrolein	ND	CCVE	U	0.0048	0.0095	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Acrylonitrile	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Benzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Bromobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Bromochloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Bromodichloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Bromoform	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Bromomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Carbon disulfide	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Carbon tetrachloride	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Chlorobenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Chloroethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Chloroform	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Chloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
cis-1,2-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
cis-1,3-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Cyclohexane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Dibromochloromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Dibromomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Dichlorodifluoromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0038	0.0076	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* Ethanol	ND		U	0.038	0.076	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Ethyl Benzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0038	0.0076	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Hexachlorobutadiene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* Iodomethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Isopropylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Methyl acetate	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Methylcyclohexane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Methylene chloride	ND		U	0.0048	0.0095	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0024	0.0095	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
n-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
n-Propylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
o-Xylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
p- & m- Xylenes	ND		U	0.0048	0.0095	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* p-Diethylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* p-Ethyltoluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
p-Isopropyltoluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
sec-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-34**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-59-G8	**Collection Date/Time:**	8/13/26 13:05

Lab ID:	**26H0771-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.038	0.076	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0038	0.0076	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
tert-Butylbenzene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Tetrachloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* Tetrahydrofuran	ND		U	0.0048	0.0095	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Toluene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
trans-1,2-Dichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
trans-1,3-Dichloropropylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Trichloroethylene	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Trichlorofluoromethane	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Vinyl acetate	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Vinyl Chloride	ND		U	0.0024	0.0048	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS
Xylenes, Total	ND		U	0.0071	0.014	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 14:51	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/26/26 14:51*
Surrogate: SURR: Toluene-d8	*91.6 %*			*85-120*	*EPA 8260D*	*8/26/26 14:51*
Surrogate: SURR: p-Bromofluorobenzene	*110 %*			*76-130*	*EPA 8260D*	*8/26/26 14:51*

Lab ID:	**26H0771-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.5**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0558	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0457	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
1,2,4-Trichlorobenzene	ND		U	0.0495	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
1,2-Dichlorobenzene	ND		U	0.0427	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0430	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
1,3-Dichlorobenzene	ND		U	0.0498	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
1,4-Dichlorobenzene	ND		U	0.0410	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0645	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,4,5-Trichlorophenol	ND		U	0.0640	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,4,6-Trichlorophenol	ND		U	0.0413	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,4-Dichlorophenol	ND		U	0.0470	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,4-Dimethylphenol	ND		U	0.0585	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,4-Dinitrophenol	ND		U	0.0525	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,4-Dinitrotoluene	ND		U	0.0511	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2,6-Dinitrotoluene	ND		U	0.0560	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2-Chloronaphthalene	ND		U	0.0448	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2-Chlorophenol	ND		U	0.0402	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2-Methylnaphthalene	ND		U	0.0413	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2-Methylphenol	ND		U	0.0429	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2-Nitroaniline	ND		U	0.0380	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
2-Nitrophenol	ND		U	0.0600	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
* 3- & 4-Methylphenols	ND		U	0.0421	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
3,3-Dichlorobenzidine	ND		U	0.0413	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
3-Nitroaniline	ND		U	0.0511	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0704	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4-Bromophenyl phenyl ether	ND		U	0.0556	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4-Chloro-3-methylphenol	ND		U	0.0446	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4-Chloroaniline	ND		U	0.0423	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4-Chlorophenyl phenyl ether	ND		U	0.0560	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4-Nitroaniline	ND		U	0.0483	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
4-Nitrophenol	ND		U	0.0795	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Acenaphthene	ND		U	0.0499	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Acenaphthylene	ND		U	0.0430	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Acetophenone	ND		U	0.0412	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Aniline	ND		U	0.0586	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Anthracene	**0.0711**	J	J	0.0450	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Atrazine	ND		U	0.0481	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzaldehyde	ND		U	0.0490	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzidine	ND		U	0.0163	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzo(a)anthracene	**0.216**			0.0440	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzo(a)pyrene	**0.218**			0.0497	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzo(b)fluoranthene	**0.208**			0.0506	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzo(g,h,i)perylene	**0.136**			0.0482	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzo(k)fluoranthene	**0.157**			0.0498	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0566	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzyl alcohol	ND		U	0.0418	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Benzyl butyl phthalate	ND		U	0.0588	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Bis(2-chloroethoxy)methane	ND		U	0.0420	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Bis(2-chloroethyl)ether	ND		U	0.0313	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0597	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0582	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Caprolactam	ND		U	0.0656	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Carbazole	ND		U	0.0448	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Chrysene	**0.187**			0.0433	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Dibenzo(a,h)anthracene	ND		U	0.0404	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Dibenzofuran	ND		U	0.0446	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Diethyl phthalate	ND		U	0.0513	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Dimethyl phthalate	ND		U	0.0461	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Di-n-butyl phthalate	ND		U	0.0567	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Di-n-octyl phthalate	ND		U	0.0431	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Fluoranthene	**0.454**			0.0433	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Fluorene	ND		U	0.0509	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Hexachlorobenzene	ND		U	0.0546	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Hexachlorobutadiene	ND		U	0.0451	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Hexachlorocyclopentadiene	ND		U	0.0678	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Hexachloroethane	ND		U	0.0522	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Indeno(1,2,3-cd)pyrene	**0.127**	J	J	0.0522	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Isophorone	ND		U	0.0451	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Naphthalene	ND		U	0.0470	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Nitrobenzene	ND		U	0.0455	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
N-Nitrosodimethylamine	ND		U	0.0587	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
N-nitroso-di-n-propylamine	ND		U	0.0439	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
N-Nitrosodiphenylamine	ND		U	0.0543	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Pentachlorophenol	ND		U	0.0600	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Phenanthrene	**0.194**			0.0433	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Phenol	ND		U	0.0569	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr
Pyrene	**0.405**			0.0425	0.135	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 20:49	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*52.1 %*			*20-108*	*EPA 8270E*	*8/21/26 20:49*
Surrogate: SURR: Phenol-d6	*46.9 %*			*23-114*	*EPA 8270E*	*8/21/26 20:49*
Surrogate: SURR: Nitrobenzene-d5	*55.4 %*			*22-108*	*EPA 8270E*	*8/21/26 20:49*
Surrogate: SURR: 2-Fluorobiphenyl	*50.0 %*			*21-113*	*EPA 8270E*	*8/21/26 20:49*
Surrogate: SURR: 2,4,6-Tribromophenol	*51.6 %*			*19-110*	*EPA 8270E*	*8/21/26 20:49*
Surrogate: SURR: Terphenyl-d14	*49.3 %*			*24-116*	*EPA 8270E*	*8/21/26 20:49*

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00619**	P	DP	0.00347	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
4,4'-DDE	ND		U	0.00148	0.00183	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
4,4'-DDT	ND		U	0.00292	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Aldrin	ND		U	0.00116	0.00183	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
alpha-BHC	ND		U	0.00504	0.00550	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
alpha-Chlordane [2C]	ND		U	0.00221	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
beta-BHC	ND		U	0.00578	0.00825	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
delta-BHC	ND		U	0.00511	0.00550	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Dieldrin	ND		U	0.00269	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Endosulfan I	ND		U	0.00137	0.00183	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Endosulfan II	ND		U	0.00223	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Endosulfan sulfate	ND		U	0.00184	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Endrin	ND		U	0.00277	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Endrin aldehyde	ND		U	0.00413	0.00550	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Endrin ketone	ND		U	0.00270	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
gamma-BHC (Lindane)	ND		U	0.00235	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
gamma-Chlordane	ND		U	0.00305	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Heptachlor	ND		U	0.00187	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Heptachlor epoxide	ND		U	0.00101	0.00183	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Methoxychlor	ND		U	0.00265	0.00367	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
Toxaphene	ND		U	0.0730	0.0917	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ
* Chlordane, total	ND		U	0.0133	0.0183	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 10:49	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*42.3 %*			*30-150*	*EPA 8081B*	*8/21/26 10:49*
Surrogate: Tetrachloro-m-xylene	*86.2 %*			*30-150*	*EPA 8081B*	*8/21/26 10:49*

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1221	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1232	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1242	**0.0304**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1248	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1254	**0.0715**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1260	**0.0343**			0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1262	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
Aroclor 1268	ND		U	0.0183	0.0183	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF
* Total PCBs	**0.136**			0.0550	0.0550	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:14	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*56.0 %*			*30-120*	*EPA 8082A*	*8/21/26 12:14*
Surrogate: Decachlorobiphenyl	*42.0 %*			*30-120*	*EPA 8082A*	*8/21/26 12:14*

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR
Barium	**0.790**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR
Lead	**0.288**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR
Silver	ND			0.022	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:28	AGNR

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**5660**			4.52	4.52	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Antimony	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Arsenic	**2.61**			1.36	1.36	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Barium	**55.7**			2.26	2.26	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Beryllium	**0.157**			0.046	0.046	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Cadmium	ND		U	0.272	0.272	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Calcium	**2500**			4.53	4.53	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Chromium	**15.9**			0.453	0.453	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Cobalt	**6.33**			0.362	0.362	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Copper	**24.1**			1.81	1.81	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Iron	**10400**			22.6	22.6	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Lead	**61.2**			0.453	0.453	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Magnesium	**2910**			4.53	4.53	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Manganese	**198**			0.453	0.453	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Nickel	**52.8**			0.902	0.902	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Potassium	**1100**			4.53	4.53	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Selenium	ND		U	2.26	2.26	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Silver	ND		U	0.456	0.456	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**101**			45.3	45.3	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Thallium	ND		U	1.09	1.81	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Vanadium	**19.1**			0.902	0.902	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR
Zinc	**63.3**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:46	AGNR

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.314**			0.0105	0.0331	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 11:27	LCB

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.201	0.552	1	mg/kg dry	EPA 7196A	8/20/26 11:10	8/20/26 18:26	JMT
pH	**8.00**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/19/26 8:36	8/19/26 13:35	JSJ
* Temperature	**21.7**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/19/26 8:36	8/19/26 13:35	JSJ
Cyanide, total	ND		U	0.325	0.552	1	mg/kg dry	EPA 9014/9010C	8/19/26 8:31	8/19/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.6**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:40	8/18/26 11:25	RMA
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/18/26 11:05	8/18/26 18:21	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-35**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-36**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60-G5	**Collection Date/Time:**	8/13/26 14:20

Lab ID:	**26H0771-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1,1-Trichloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1,2-Trichloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1-Dichloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1-Dichloroethylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,1-Dichloropropylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2,3-Trichlorobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2,3-Trichloropropane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2,4-Trichlorobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2,4-Trimethylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2-Dibromoethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2-Dichlorobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2-Dichloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,3,5-Trimethylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,3-Dichlorobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,3-Dichloropropane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
1,4-Dichlorobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
2,2-Dichloropropane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
2-Butanone	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
2-Chlorotoluene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
2-Hexanone	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-36**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60-G5	**Collection Date/Time:**	8/13/26 14:20

Lab ID:	**26H0771-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
4-Methyl-2-pentanone	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Acetone	**0.035**	CCVE		0.0059	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Acrolein	ND	CCVE	U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Acrylonitrile	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Benzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Bromobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Bromochloromethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Bromodichloromethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Bromoform	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Bromomethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Carbon disulfide	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Carbon tetrachloride	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Chlorobenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Chloroethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Chloroform	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Chloromethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
cis-1,2-Dichloroethylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
cis-1,3-Dichloropropylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Cyclohexane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Dibromochloromethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Dibromomethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Dichlorodifluoromethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0047	0.0094	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* Ethanol	ND		U	0.047	0.094	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Ethyl Benzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0047	0.0094	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Hexachlorobutadiene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* Iodomethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Isopropylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Methyl acetate	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Methyl Methacrylate	ND	CCVE, QL-02	U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Methylcyclohexane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Methylene chloride	ND		U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Naphthalene	ND	CCVE, QL-02	U	0.0029	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
n-Butylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
n-Propylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
o-Xylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
p- & m- Xylenes	ND		U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* p-Diethylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* p-Ethyltoluene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
p-Isopropyltoluene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
sec-Butylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-36**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-60-G5	**Collection Date/Time:**	8/13/26 14:20

Lab ID:	**26H0771-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.047	0.094	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0047	0.0094	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.015	0.029	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
tert-Butylbenzene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Tetrachloroethylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* Tetrahydrofuran	ND		U	0.0059	0.012	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Toluene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
trans-1,2-Dichloroethylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
trans-1,3-Dichloropropylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Trichloroethylene	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Trichlorofluoromethane	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Vinyl acetate	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Vinyl Chloride	ND		U	0.0029	0.0059	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS
Xylenes, Total	ND		U	0.0088	0.018	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:20	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*			*77-125*	*EPA 8260D*	*8/26/26 15:20*
Surrogate: SURR: Toluene-d8	*88.9 %*			*85-120*	*EPA 8260D*	*8/26/26 15:20*
Surrogate: SURR: p-Bromofluorobenzene	*105 %*			*76-130*	*EPA 8260D*	*8/26/26 15:20*

Lab ID:	**26H0771-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**83.2**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0545	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0446	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
1,2,4-Trichlorobenzene	ND		U	0.0484	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
1,2-Dichlorobenzene	ND		U	0.0417	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0420	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
1,3-Dichlorobenzene	ND		U	0.0487	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
1,4-Dichlorobenzene	ND		U	0.0401	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0630	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,4,5-Trichlorophenol	ND		U	0.0625	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,4,6-Trichlorophenol	ND		U	0.0404	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,4-Dichlorophenol	ND		U	0.0460	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,4-Dimethylphenol	ND		U	0.0571	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,4-Dinitrophenol	ND		U	0.0513	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,4-Dinitrotoluene	ND		U	0.0499	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2,6-Dinitrotoluene	ND		U	0.0548	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2-Chloronaphthalene	ND		U	0.0438	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2-Chlorophenol	ND		U	0.0393	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2-Methylnaphthalene	ND		U	0.0403	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2-Methylphenol	ND		U	0.0419	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2-Nitroaniline	ND		U	0.0372	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
2-Nitrophenol	ND		U	0.0587	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
* 3- & 4-Methylphenols	ND		U	0.0412	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
3,3-Dichlorobenzidine	ND		U	0.0404	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
3-Nitroaniline	ND		U	0.0499	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0688	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4-Bromophenyl phenyl ether	ND		U	0.0543	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4-Chloro-3-methylphenol	ND		U	0.0436	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4-Chloroaniline	ND		U	0.0414	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4-Chlorophenyl phenyl ether	ND		U	0.0547	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4-Nitroaniline	ND		U	0.0472	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
4-Nitrophenol	ND		U	0.0777	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Acenaphthene	ND		U	0.0487	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Acenaphthylene	ND		U	0.0421	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Acetophenone	ND		U	0.0403	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Aniline	ND		U	0.0572	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Anthracene	ND		U	0.0440	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Atrazine	ND		U	0.0470	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzaldehyde	ND		U	0.0478	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzidine	ND		U	0.0159	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzo(a)anthracene	**0.0816**	J	J	0.0430	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzo(a)pyrene	**0.0832**	J	J	0.0486	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzo(b)fluoranthene	**0.0790**	J	J	0.0495	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzo(g,h,i)perylene	**0.0500**	J	J	0.0471	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzo(k)fluoranthene	**0.0558**	J	J	0.0486	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0553	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzyl alcohol	ND		U	0.0408	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Benzyl butyl phthalate	ND		U	0.0574	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Bis(2-chloroethoxy)methane	ND		U	0.0410	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Bis(2-chloroethyl)ether	ND		U	0.0306	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0583	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0568	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Caprolactam	ND		U	0.0641	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Carbazole	ND		U	0.0438	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Chrysene	**0.0695**	J	J	0.0423	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Dibenzo(a,h)anthracene	ND		U	0.0395	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Dibenzofuran	ND		U	0.0435	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Diethyl phthalate	ND		U	0.0501	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Dimethyl phthalate	ND		U	0.0450	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Di-n-butyl phthalate	ND		U	0.0554	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Di-n-octyl phthalate	ND		U	0.0421	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Fluoranthene	**0.141**			0.0423	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Fluorene	ND		U	0.0498	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Hexachlorobenzene	ND		U	0.0533	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Hexachlorobutadiene	ND		U	0.0440	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Hexachlorocyclopentadiene	ND		U	0.0662	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Hexachloroethane	ND		U	0.0510	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Indeno(1,2,3-cd)pyrene	**0.0516**	J	J	0.0510	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Isophorone	ND		U	0.0441	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Naphthalene	ND		U	0.0460	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Nitrobenzene	ND		U	0.0445	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
N-Nitrosodimethylamine	ND		U	0.0573	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
N-nitroso-di-n-propylamine	ND		U	0.0429	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
N-Nitrosodiphenylamine	ND		U	0.0530	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Pentachlorophenol	ND		U	0.0586	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Phenanthrene	**0.0426**	J	J	0.0423	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Phenol	ND		U	0.0556	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr
Pyrene	**0.130**	J	J	0.0415	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:21	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*38.9 %*			*20-108*	*EPA 8270E*	*8/21/26 21:21*
Surrogate: SURR: Phenol-d6	*34.7 %*			*23-114*	*EPA 8270E*	*8/21/26 21:21*
Surrogate: SURR: Nitrobenzene-d5	*40.6 %*			*22-108*	*EPA 8270E*	*8/21/26 21:21*
Surrogate: SURR: 2-Fluorobiphenyl	*36.7 %*			*21-113*	*EPA 8270E*	*8/21/26 21:21*
Surrogate: SURR: 2,4,6-Tribromophenol	*38.5 %*			*19-110*	*EPA 8270E*	*8/21/26 21:21*
Surrogate: SURR: Terphenyl-d14	*36.9 %*			*24-116*	*EPA 8270E*	*8/21/26 21:21*

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00468**	P	DP	0.00339	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
4,4'-DDE	**0.00412**		D	0.00144	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
4,4'-DDT	ND		U	0.00285	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Aldrin	ND		U	0.00113	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
alpha-BHC	ND		U	0.00493	0.00538	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
alpha-Chlordane	ND		U	0.00216	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
beta-BHC	ND		U	0.00565	0.00807	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
delta-BHC	ND		U	0.00500	0.00538	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Dieldrin	ND		U	0.00263	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Endosulfan I	ND		U	0.00134	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Endosulfan II	ND		U	0.00218	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Endosulfan sulfate	ND		U	0.00179	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Endrin	ND		U	0.00271	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Endrin aldehyde	ND		U	0.00403	0.00538	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Endrin ketone	ND		U	0.00264	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
gamma-BHC (Lindane)	ND		U	0.00230	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
gamma-Chlordane	ND		U	0.00298	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Heptachlor	ND		U	0.00183	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Heptachlor epoxide	ND		U	0.000985	0.00179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Methoxychlor	ND		U	0.00259	0.00359	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
Toxaphene	ND		U	0.0713	0.0896	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ
* Chlordane, total	ND		U	0.0130	0.0179	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:06	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*51.7 %*			*30-150*	*EPA 8081B*	*8/21/26 11:06*
Surrogate: Tetrachloro-m-xylene	*94.6 %*			*30-150*	*EPA 8081B*	*8/21/26 11:06*

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1221	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1232	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1242	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1248	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1254	**0.0266**			0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1260	**0.0220**			0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1262	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
Aroclor 1268	ND		U	0.0179	0.0179	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF
* Total PCBs	**0.0602**			0.0538	0.0538	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 12:28	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*65.5 %*			*30-120*	*EPA 8082A*	*8/21/26 12:28*
Surrogate: Decachlorobiphenyl	*50.5 %*			*30-120*	*EPA 8082A*	*8/21/26 12:28*

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR
Barium	**0.830**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR
Lead	**0.405**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR
Silver	ND			0.022	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:29	AGNR

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4960**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Arsenic	**3.32**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Barium	**54.3**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Beryllium	**0.115**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Cadmium	ND		U	0.270	0.270	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Calcium	**2760**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Chromium	**12.7**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Cobalt	**4.98**			0.359	0.359	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Copper	**19.8**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Iron	**9030**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Lead	**67.9**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Magnesium	**2370**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Manganese	**178**			0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Nickel	**29.8**			0.896	0.896	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Potassium	**1000**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Silver	ND		U	0.453	0.453	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**108**			45.0	45.0	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Thallium	ND		U	1.08	1.80	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Vanadium	**16.9**			0.896	0.896	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR
Zinc	**58.4**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/14/26 12:28	8/18/26 13:48	AGNR

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.284**			0.0103	0.0324	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 11:27	LCB

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.197	0.540	1	mg/kg dry	EPA 7196A	8/20/26 11:10	8/20/26 18:26	JMT
pH	**8.18**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/19/26 8:36	8/19/26 13:38	JSJ
* Temperature	**21.9**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/19/26 8:36	8/19/26 13:38	JSJ
Cyanide, total	ND		U	0.317	0.540	1	mg/kg dry	EPA 9014/9010C	8/19/26 8:31	8/19/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**92.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:41	8/19/26 16:40	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/19/26 11:37	8/19/26 17:28	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-37**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61	**Collection Date/Time:**	8/13/26 13:40

Lab ID:	**26H0771-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-38**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61-G5	**Collection Date/Time:**	8/13/26 14:55

Lab ID:	**26H0771-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1,1-Trichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1,2-Trichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1-Dichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1-Dichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,1-Dichloropropylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2,3-Trichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2,3-Trichloropropane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2,4-Trichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2,4-Trimethylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2-Dibromoethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2-Dichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2-Dichloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,2-Dichloropropane	ND	QL-02	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,3,5-Trimethylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,3-Dichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,3-Dichloropropane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
1,4-Dichlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
2,2-Dichloropropane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
2-Butanone	**0.0041**	J	J	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
2-Chloroethylvinyl ether	ND	CCVE	U	0.011	0.021	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
2-Chlorotoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
2-Hexanone	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-38**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61-G5	**Collection Date/Time:**	8/13/26 14:55

Lab ID:	**26H0771-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
4-Methyl-2-pentanone	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Acetone	**0.056**	CCVE		0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Acrolein	ND	CCVE	U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Acrylonitrile	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Benzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Bromobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Bromochloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Bromodichloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Bromoform	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Bromomethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Carbon disulfide	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Carbon tetrachloride	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Chlorobenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Chloroethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Chloroform	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Chloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
cis-1,2-Dichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
cis-1,3-Dichloropropylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Cyclohexane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Dibromochloromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Dibromomethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Dichlorodifluoromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0042	0.0085	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* Ethanol	ND		U	0.042	0.085	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Ethyl Benzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	U	0.0042	0.0085	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Hexachlorobutadiene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* Iodomethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Isopropylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Methyl acetate	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Methyl Methacrylate	ND	QL-02, CCVE	U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Methylcyclohexane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Methylene chloride	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0026	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
n-Butylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
n-Propylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
o-Xylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
p- & m- Xylenes	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* p-Diethylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* p-Ethyltoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
p-Isopropyltoluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
sec-Butylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-38**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-33-CS-61-G5	**Collection Date/Time:**	8/13/26 14:55

Lab ID:	**26H0771-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	U	0.042	0.085	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0042	0.0085	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	U	0.013	0.026	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
tert-Butylbenzene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Tetrachloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* Tetrahydrofuran	ND		U	0.0053	0.011	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Toluene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
trans-1,2-Dichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
trans-1,3-Dichloropropylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Trichloroethylene	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Trichlorofluoromethane	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Vinyl acetate	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Vinyl Chloride	ND		U	0.0026	0.0053	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS
Xylenes, Total	ND		U	0.0079	0.016	1	mg/kg dry	EPA 8260D	8/23/26 7:00	8/26/26 15:49	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*			*77-125*	*EPA 8260D*	*8/26/26 15:49*
Surrogate: SURR: Toluene-d8	*87.8 %*			*85-120*	*EPA 8260D*	*8/26/26 15:49*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*			*76-130*	*EPA 8260D*	*8/26/26 15:49*

Lab ID:	**26H0771-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.3**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0546	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0446	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
1,2,4-Trichlorobenzene	ND		U	0.0484	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
1,2-Dichlorobenzene	ND		U	0.0417	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0420	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
1,3-Dichlorobenzene	ND		U	0.0487	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
1,4-Dichlorobenzene	ND		U	0.0401	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0631	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,4,5-Trichlorophenol	ND		U	0.0626	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,4,6-Trichlorophenol	ND		U	0.0404	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,4-Dichlorophenol	ND		U	0.0460	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,4-Dimethylphenol	ND		U	0.0572	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,4-Dinitrophenol	ND		U	0.0514	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,4-Dinitrotoluene	ND		U	0.0500	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2,6-Dinitrotoluene	ND		U	0.0548	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2-Chloronaphthalene	ND		U	0.0438	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2-Chlorophenol	ND		U	0.0393	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2-Methylnaphthalene	ND		U	0.0404	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2-Methylphenol	ND		U	0.0419	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2-Nitroaniline	ND		U	0.0372	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
2-Nitrophenol	ND		U	0.0587	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
* 3- & 4-Methylphenols	ND		U	0.0412	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
3,3-Dichlorobenzidine	ND		U	0.0404	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
3-Nitroaniline	ND		U	0.0500	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0688	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4-Bromophenyl phenyl ether	ND		U	0.0544	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4-Chloro-3-methylphenol	ND		U	0.0436	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4-Chloroaniline	ND		U	0.0414	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4-Chlorophenyl phenyl ether	ND		U	0.0547	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4-Nitroaniline	ND		U	0.0472	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
4-Nitrophenol	ND		U	0.0778	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Acenaphthene	ND		U	0.0488	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Acenaphthylene	ND		U	0.0421	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Acetophenone	ND		U	0.0403	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Aniline	ND		U	0.0573	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Anthracene	**0.0806**	J	J	0.0440	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Atrazine	ND		U	0.0471	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzaldehyde	ND		U	0.0479	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzidine	ND		U	0.0159	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzo(a)anthracene	**0.283**			0.0430	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzo(a)pyrene	**0.310**			0.0486	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzo(b)fluoranthene	**0.279**			0.0495	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzo(g,h,i)perylene	**0.191**			0.0471	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzo(k)fluoranthene	**0.236**			0.0487	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0554	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzyl alcohol	ND		U	0.0409	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Benzyl butyl phthalate	ND		U	0.0575	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Bis(2-chloroethoxy)methane	ND		U	0.0410	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Bis(2-chloroethyl)ether	ND		U	0.0306	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0584	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Bis(2-ethylhexyl)phthalate	ND		U	0.0569	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Caprolactam	ND		U	0.0642	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Carbazole	ND		U	0.0438	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Chrysene	**0.260**			0.0423	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Dibenzo(a,h)anthracene	ND		U	0.0395	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Dibenzofuran	ND		U	0.0436	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Diethyl phthalate	ND		U	0.0502	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Dimethyl phthalate	ND		U	0.0451	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Di-n-butyl phthalate	ND		U	0.0554	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Di-n-octyl phthalate	ND		U	0.0421	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Fluoranthene	**0.552**			0.0424	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Fluorene	ND		U	0.0498	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Hexachlorobenzene	ND		U	0.0534	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Hexachlorobutadiene	ND		U	0.0441	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Hexachlorocyclopentadiene	ND		U	0.0663	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Hexachloroethane	ND		U	0.0511	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Indeno(1,2,3-cd)pyrene	**0.196**			0.0510	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Isophorone	ND		U	0.0441	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Naphthalene	ND		U	0.0460	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Nitrobenzene	ND		U	0.0445	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
N-Nitrosodimethylamine	ND		U	0.0574	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
N-nitroso-di-n-propylamine	ND		U	0.0430	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
N-Nitrosodiphenylamine	ND		U	0.0531	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Pentachlorophenol	ND		U	0.0587	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Phenanthrene	**0.295**			0.0423	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Phenol	ND		U	0.0556	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr
Pyrene	**0.466**			0.0415	0.132	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 21:53	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*60.9 %*			*20-108*	*EPA 8270E*	*8/21/26 21:53*
Surrogate: SURR: Phenol-d6	*54.8 %*			*23-114*	*EPA 8270E*	*8/21/26 21:53*
Surrogate: SURR: Nitrobenzene-d5	*66.6 %*			*22-108*	*EPA 8270E*	*8/21/26 21:53*
Surrogate: SURR: 2-Fluorobiphenyl	*64.2 %*			*21-113*	*EPA 8270E*	*8/21/26 21:53*
Surrogate: SURR: 2,4,6-Tribromophenol	*67.3 %*			*19-110*	*EPA 8270E*	*8/21/26 21:53*
Surrogate: SURR: Terphenyl-d14	*61.8 %*			*24-116*	*EPA 8270E*	*8/21/26 21:53*

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD [2C]	**0.00522**	P	DP	0.00342	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
4,4'-DDE	**0.00408**		D	0.00145	0.00181	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
4,4'-DDT	**0.00756**		D	0.00288	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Aldrin	ND		U	0.00114	0.00181	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
alpha-BHC	ND		U	0.00496	0.00542	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
alpha-Chlordane [2C]	ND		U	0.00217	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
beta-BHC	ND		U	0.00569	0.00812	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
delta-BHC	ND		U	0.00503	0.00542	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Dieldrin	**0.00655**		D	0.00265	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Endosulfan I	ND		U	0.00135	0.00181	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Endosulfan II	ND		U	0.00219	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Endosulfan sulfate	ND		U	0.00181	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Endrin	ND		U	0.00273	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Endrin aldehyde	ND		U	0.00406	0.00542	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Endrin ketone	ND		U	0.00266	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
gamma-BHC (Lindane)	ND		U	0.00232	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
gamma-Chlordane	ND		U	0.00300	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Heptachlor	ND		U	0.00184	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Heptachlor epoxide	ND		U	0.000992	0.00181	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Methoxychlor	ND		U	0.00261	0.00361	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
Toxaphene	ND		U	0.0718	0.0903	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ
* Chlordane, total	ND		U	0.0131	0.0181	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:23	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*61.6 %*			*30-150*	*EPA 8081B*	*8/21/26 11:23*
Surrogate: Tetrachloro-m-xylene	*60.2 %*			*30-150*	*EPA 8081B*	*8/21/26 11:23*

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1221	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1232	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1242	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1248	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1254	**0.0661**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1260	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1262	ND		U	0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
Aroclor 1268	**0.0209**			0.0180	0.0180	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF
* Total PCBs	**0.0869**			0.0542	0.0542	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/20/26 19:44	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*58.0 %*			*30-120*	*EPA 8082A*	*8/20/26 19:44*
Surrogate: Decachlorobiphenyl	*54.5 %*			*30-120*	*EPA 8082A*	*8/20/26 19:44*

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR
Barium	**1.30**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR
Lead	**0.212**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR
Silver	ND			0.022	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:31	AGNR

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**6750**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Antimony	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Arsenic	**5.60**			1.34	1.34	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Barium	**228**			2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Beryllium	**0.287**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Cadmium	**0.733**			0.268	0.268	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Calcium	**3200**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Chromium	**18.9**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Cobalt	**7.22**			0.357	0.357	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Copper	**51.2**			1.79	1.79	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Iron	**18200**			22.3	22.3	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Lead	**265**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Magnesium	**3210**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Manganese	**250**			0.447	0.447	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Nickel	**40.0**			0.890	0.890	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Potassium	**1010**			4.47	4.47	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Selenium	ND		U	2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Silver	ND		U	0.450	0.450	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**128**			44.7	44.7	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Thallium	ND		U	1.07	1.79	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Vanadium	**36.1**			0.890	0.890	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR
Zinc	**216**			2.23	2.23	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:37	AGNR

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.713**			0.0104	0.0327	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 11:27	LCB

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.199	0.545	1	mg/kg dry	EPA 7196A	8/20/26 11:10	8/20/26 18:26	JMT
pH	**8.10**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/19/26 8:36	8/19/26 13:47	JSJ
* Temperature	**21.6**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/19/26 8:36	8/19/26 13:47	JSJ
Cyanide, total	ND		U	0.321	0.545	1	mg/kg dry	EPA 9014/9010C	8/19/26 8:31	8/19/26 13:41	JSJ
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.7**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:41	8/19/26 16:40	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/19/26 11:37	8/19/26 17:28	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-39**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62	**Collection Date/Time:**	8/13/26 14:00

Lab ID:	**26H0771-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-40**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62-G6	**Collection Date/Time:**	8/13/26 13:55

Lab ID:	**26H0771-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1,1-Trichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1,2-Trichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1-Dichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,1-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2,3-Trichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2,4-Trichlorobenzene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2,4-Trimethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2-Dibromoethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2-Dichlorobenzene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2-Dichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,2-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,3,5-Trimethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,3-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,3-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
1,4-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
2,2-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
2-Butanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
2-Chloroethylvinyl ether	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
2-Chlorotoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
2-Hexanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-40**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62-G6	**Collection Date/Time:**	8/13/26 13:55

Lab ID:	**26H0771-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
4-Methyl-2-pentanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Acetone	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Acrolein	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Acrylonitrile	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Benzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Bromobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Bromochloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Bromodichloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Bromoform	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Bromomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Carbon disulfide	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Carbon tetrachloride	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Chlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Chloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Chloroform	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Chloromethane	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
cis-1,2-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
cis-1,3-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Cyclohexane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Dibromochloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Dibromomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0041	0.0081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* Ethanol	ND		U	0.041	0.081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Ethyl Benzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0041	0.0081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* Iodomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Isopropylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Methyl acetate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Methyl Methacrylate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Methylcyclohexane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0025	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
n-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
n-Propylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
o-Xylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* p-Diethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* p-Ethyltoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
p-Isopropyltoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
sec-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-40**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-62-G6	**Collection Date/Time:**	8/13/26 13:55

Lab ID:	**26H0771-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.041	0.081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0041	0.0081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.025	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
tert-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Tetrachloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* Tetrahydrofuran	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Toluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
trans-1,2-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
trans-1,3-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Trichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Trichlorofluoromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Vinyl acetate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Vinyl Chloride	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS
Xylenes, Total	ND		U	0.0076	0.015	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 20:47	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/19/26 20:47*
Surrogate: SURR: Toluene-d8	*91.6 %*			*85-120*	*EPA 8260D*	*8/19/26 20:47*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*			*76-130*	*EPA 8260D*	*8/19/26 20:47*

Lab ID:	**26H0771-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**90.5**		B	0.100	0.100	1	%	SM 2540G	8/17/26 11:29	8/17/26 12:00	RMA

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0679	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
1,2,4,5-Tetrachlorobenzene	ND		U	0.0555	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
1,2,4-Trichlorobenzene	ND		U	0.0602	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
1,2-Dichlorobenzene	ND		U	0.0519	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0522	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
1,3-Dichlorobenzene	ND	CAL-E	U	0.0606	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
1,4-Dichlorobenzene	ND		U	0.0499	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,3,4,6-Tetrachlorophenol	ND		U	0.0785	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,4,5-Trichlorophenol	ND		U	0.0778	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,4,6-Trichlorophenol	ND		U	0.0503	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,4-Dichlorophenol	ND		U	0.0572	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,4-Dimethylphenol	ND		U	0.0711	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,4-Dinitrophenol	ND		U	0.0639	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,4-Dinitrotoluene	ND		U	0.0622	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2,6-Dinitrotoluene	ND		U	0.0682	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2-Chloronaphthalene	ND		U	0.0545	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2-Chlorophenol	ND		U	0.0489	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2-Methylnaphthalene	ND	CCVE	U	0.0502	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2-Methylphenol	ND		U	0.0522	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2-Nitroaniline	ND		U	0.0463	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
2-Nitrophenol	ND		U	0.0730	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
* 3- & 4-Methylphenols	ND		U	0.0512	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
3,3-Dichlorobenzidine	ND	CAL-E, ICVE	U	0.0502	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
3-Nitroaniline	ND		U	0.0622	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4,6-Dinitro-2-methylphenol	ND		U	0.0856	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4-Bromophenyl phenyl ether	ND		U	0.0676	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4-Chloro-3-methylphenol	ND		U	0.0543	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4-Chloroaniline	ND		U	0.0515	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4-Chlorophenyl phenyl ether	ND		U	0.0681	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4-Nitroaniline	ND		U	0.0587	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
4-Nitrophenol	ND		U	0.0967	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Acenaphthene	ND		U	0.0607	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Acenaphthylene	ND		U	0.0524	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Acetophenone	ND		U	0.0502	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Aniline	ND		U	0.0712	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Anthracene	**0.0747**	J	J	0.0547	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Atrazine	ND		U	0.0585	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzaldehyde	ND	CAL-E	U	0.0596	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzidine	ND		U	0.0198	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzo(a)anthracene	**0.248**			0.0535	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzo(a)pyrene	**0.207**	CCVE		0.0605	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzo(b)fluoranthene	**0.193**			0.0616	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzo(g,h,i)perylene	**0.117**	J	J	0.0586	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzo(k)fluoranthene	**0.168**	ICVE		0.0605	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND	CCVE	U	0.0689	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzyl alcohol	ND		U	0.0508	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Benzyl butyl phthalate	ND		U	0.0715	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Bis(2-chloroethoxy)methane	ND		U	0.0510	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Bis(2-chloroethyl)ether	ND		U	0.0381	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Bis(2-chloroisopropyl)ether	ND	CAL-E	U	0.0726	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Bis(2-ethylhexyl)phthalate	ND		U	0.0707	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Caprolactam	ND		U	0.0798	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Carbazole	ND		U	0.0545	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Chrysene	**0.223**			0.0526	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Dibenzo(a,h)anthracene	**0.0550**	J	J	0.0491	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Dibenzofuran	ND		U	0.0542	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Diethyl phthalate	ND		U	0.0624	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Dimethyl phthalate	ND		U	0.0560	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Di-n-butyl phthalate	ND		U	0.0689	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Di-n-octyl phthalate	ND		U	0.0524	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Fluoranthene	**0.442**			0.0527	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Fluorene	ND		U	0.0619	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Hexachlorobenzene	ND		U	0.0664	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Hexachlorobutadiene	ND	CCVE	U	0.0548	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Hexachlorocyclopentadiene	ND		U	0.0824	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Hexachloroethane	ND		U	0.0635	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Indeno(1,2,3-cd)pyrene	**0.128**	J	J	0.0635	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Isophorone	ND		U	0.0549	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Naphthalene	ND		U	0.0572	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Nitrobenzene	ND		U	0.0553	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
N-Nitrosodimethylamine	ND	CCVE, CAL-E	U	0.0714	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
N-nitroso-di-n-propylamine	ND		U	0.0534	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
N-Nitrosodiphenylamine	ND		U	0.0660	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Pentachlorophenol	ND	CCVE	U	0.0730	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Phenanthrene	**0.179**			0.0526	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Phenol	ND		U	0.0692	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD
Pyrene	**0.447**			0.0516	0.164	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/24/26 20:56	DD

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*39.1 %*			*20-108*	*EPA 8270E*	*8/24/26 20:56*
Surrogate: SURR: Phenol-d6	*31.0 %*			*23-114*	*EPA 8270E*	*8/24/26 20:56*
Surrogate: SURR: Nitrobenzene-d5	*46.4 %*			*22-108*	*EPA 8270E*	*8/24/26 20:56*
Surrogate: SURR: 2-Fluorobiphenyl	*36.6 %*			*21-113*	*EPA 8270E*	*8/24/26 20:56*
Surrogate: SURR: 2,4,6-Tribromophenol	*50.5 %*			*19-110*	*EPA 8270E*	*8/24/26 20:56*
Surrogate: SURR: Terphenyl-d14	*38.1 %*			*24-116*	*EPA 8270E*	*8/24/26 20:56*

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	**0.00504**	P	DP	0.00418	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
4,4'-DDE	**0.00271**	P	DP	0.00178	0.00221	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
4,4'-DDT	ND		U	0.00352	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Aldrin	ND		U	0.00140	0.00221	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
alpha-BHC	ND		U	0.00607	0.00663	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
alpha-Chlordane	ND		U	0.00266	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
beta-BHC	ND		U	0.00697	0.00994	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
delta-BHC	ND		U	0.00616	0.00663	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Dieldrin	ND		U	0.00324	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Endosulfan I	ND		U	0.00166	0.00221	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Endosulfan II	ND		U	0.00268	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Endosulfan sulfate	ND		U	0.00221	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Endrin	ND		U	0.00334	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Endrin aldehyde	ND		U	0.00497	0.00663	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Endrin ketone	ND		U	0.00326	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
gamma-BHC (Lindane)	ND		U	0.00283	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
gamma-Chlordane	ND		U	0.00367	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Heptachlor	ND		U	0.00225	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Heptachlor epoxide	ND		U	0.00121	0.00221	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Methoxychlor	ND		U	0.00319	0.00442	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
Toxaphene	ND		U	0.0879	0.110	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ
* Chlordane, total	ND		U	0.0160	0.0221	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:40	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*45.3 %*			*30-150*	*EPA 8081B*	*8/21/26 11:40*
Surrogate: Tetrachloro-m-xylene	*80.5 %*			*30-150*	*EPA 8081B*	*8/21/26 11:40*

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1221	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1232	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1242	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1248	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1254	**0.0231**			0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1260	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1262	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
Aroclor 1268	ND		U	0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF
* Total PCBs	**0.0588**			0.0221	0.0221	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:12	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*58.5 %*			*30-120*	*EPA 8082A*	*8/21/26 17:12*
Surrogate: Decachlorobiphenyl	*44.5 %*			*30-120*	*EPA 8082A*	*8/21/26 17:12*

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR
Barium	**0.695**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR
Lead	**0.245**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR
Silver	ND			0.022	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:32	AGNR

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**7320**			5.45	5.45	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Antimony	ND		U	2.73	2.73	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Arsenic	**3.76**			1.64	1.64	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Barium	**79.2**			2.72	2.72	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Beryllium	**0.252**			0.055	0.055	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Cadmium	**0.360**			0.327	0.327	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Calcium	**4110**			5.45	5.45	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Chromium	**31.3**			0.546	0.546	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Cobalt	**7.98**			0.436	0.436	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Copper	**30.3**			2.18	2.18	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Iron	**12800**			27.3	27.3	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Lead	**183**			0.546	0.546	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Magnesium	**3260**			5.46	5.46	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Manganese	**296**			0.546	0.546	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Nickel	**66.2**			1.09	1.09	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Potassium	**1230**			5.46	5.46	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Selenium	ND		U	2.73	2.73	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Silver	ND		U	0.549	0.549	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Sodium	**159**			54.5	54.5	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Thallium	ND		U	1.31	2.18	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Vanadium	**202**			1.09	1.09	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR
Zinc	**88.9**			2.71	2.71	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:39	AGNR

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.300**			0.0126	0.0399	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 11:27	LCB

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.243	0.665	1	mg/kg dry	EPA 7196A	8/20/26 11:10	8/20/26 18:26	JMT
pH	**8.02**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/19/26 8:36	8/19/26 13:51	JSJ
* Temperature	**21.6**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/19/26 8:36	8/19/26 13:51	JSJ
Cyanide, total	ND		U	0.391	0.665	1	mg/kg dry	EPA 9014/9010C	8/18/26 14:48	8/18/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**75.2**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:41	8/19/26 16:40	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/19/26 11:37	8/19/26 17:28	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-41**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63	**Collection Date/Time:**	8/13/26 14:15

Lab ID:	**26H0771-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-42**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63-G7	**Collection Date/Time:**	8/13/26 14:10

Lab ID:	**26H0771-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1,1-Trichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1,2-Trichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1-Dichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1-Dichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,1-Dichloropropylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2,3-Trichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2,4-Trichlorobenzene	ND	QL-02	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2,4-Trimethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2-Dibromoethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2-Dichlorobenzene	ND	QL-02	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2-Dichloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,2-Dichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,3,5-Trimethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,3-Dichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,3-Dichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
1,4-Dichlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
2,2-Dichloropropane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
2-Butanone	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
2-Chloroethylvinyl ether	ND		U	0.0097	0.019	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
2-Chlorotoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
2-Hexanone	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-42**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63-G7	**Collection Date/Time:**	8/13/26 14:10

Lab ID:	**26H0771-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
4-Methyl-2-pentanone	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Acetone	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Acrolein	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Acrylonitrile	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Benzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Bromobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Bromochloromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Bromodichloromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Bromoform	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Bromomethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Carbon disulfide	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Carbon tetrachloride	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Chlorobenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Chloroethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Chloroform	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Chloromethane	ND	CCVE	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
cis-1,2-Dichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
cis-1,3-Dichloropropylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Cyclohexane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Dibromochloromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Dibromomethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0039	0.0078	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* Ethanol	ND		U	0.039	0.078	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Ethyl Benzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0039	0.0078	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* Iodomethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Isopropylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Methyl acetate	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Methyl Methacrylate	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Methylcyclohexane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Methylene chloride	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0024	0.0097	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
n-Butylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
n-Propylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
o-Xylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
p- & m- Xylenes	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* p-Diethylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* p-Ethyltoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
p-Isopropyltoluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
sec-Butylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-42**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-63-G7	**Collection Date/Time:**	8/13/26 14:10

Lab ID:	**26H0771-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.039	0.078	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0039	0.0078	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
tert-Butyl alcohol (TBA)	ND		U	0.012	0.024	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
tert-Butylbenzene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Tetrachloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* Tetrahydrofuran	ND		U	0.0049	0.0097	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Toluene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
trans-1,2-Dichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
trans-1,3-Dichloropropylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Trichloroethylene	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Trichlorofluoromethane	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Vinyl acetate	ND		U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Vinyl Chloride	ND	CCVE	U	0.0024	0.0049	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS
Xylenes, Total	ND		U	0.0073	0.015	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:16	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/19/26 21:16*
Surrogate: SURR: Toluene-d8	*92.0 %*			*85-120*	*EPA 8260D*	*8/19/26 21:16*
Surrogate: SURR: p-Bromofluorobenzene	*106 %*			*76-130*	*EPA 8260D*	*8/19/26 21:16*

Lab ID:	**26H0771-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**93.0**		B	0.100	0.100	1	%	SM 2540G	8/17/26 13:53	8/17/26 14:30	CD

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Biphenyl	ND		U	0.0550	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
1,2,4,5-Tetrachlorobenzene	ND		U	0.0450	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
1,2,4-Trichlorobenzene	ND		U	0.0488	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
1,2-Dichlorobenzene	ND		U	0.0420	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
1,2-Diphenylhydrazine (as Azobenzene)	ND		U	0.0423	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
1,3-Dichlorobenzene	ND		U	0.0491	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
1,4-Dichlorobenzene	ND		U	0.0405	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,3,4,6-Tetrachlorophenol	ND		U	0.0636	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,4,5-Trichlorophenol	ND		U	0.0631	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,4,6-Trichlorophenol	ND		U	0.0407	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,4-Dichlorophenol	ND		U	0.0464	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,4-Dimethylphenol	ND		U	0.0576	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,4-Dinitrophenol	ND		U	0.0518	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,4-Dinitrotoluene	ND		U	0.0504	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2,6-Dinitrotoluene	ND		U	0.0552	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2-Chloronaphthalene	ND		U	0.0442	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2-Chlorophenol	ND		U	0.0396	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2-Methylnaphthalene	ND		U	0.0407	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2-Methylphenol	ND		U	0.0423	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2-Nitroaniline	ND		U	0.0375	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
2-Nitrophenol	ND		U	0.0592	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
* 3- & 4-Methylphenols	ND		U	0.0415	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
3,3-Dichlorobenzidine	ND		U	0.0407	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
3-Nitroaniline	ND		U	0.0504	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4,6-Dinitro-2-methylphenol	ND		U	0.0693	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4-Bromophenyl phenyl ether	ND		U	0.0548	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4-Chloro-3-methylphenol	ND		U	0.0440	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4-Chloroaniline	ND		U	0.0417	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4-Chlorophenyl phenyl ether	ND		U	0.0552	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4-Nitroaniline	ND		U	0.0476	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
4-Nitrophenol	ND		U	0.0784	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Acenaphthene	ND		U	0.0492	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Acenaphthylene	ND		U	0.0424	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Acetophenone	ND		U	0.0406	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Aniline	ND		U	0.0577	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Anthracene	**0.0780**	J	J	0.0443	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Atrazine	ND		U	0.0474	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzaldehyde	ND		U	0.0483	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzidine	ND		U	0.0160	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzo(a)anthracene	**0.274**			0.0433	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzo(a)pyrene	**0.308**			0.0490	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzo(b)fluoranthene	**0.282**			0.0499	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzo(g,h,i)perylene	**0.218**			0.0475	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzo(k)fluoranthene	**0.219**			0.0490	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 SVOA	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Benzoic acid	ND		U	0.0558	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzyl alcohol	ND		U	0.0412	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Benzyl butyl phthalate	ND		U	0.0579	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Bis(2-chloroethoxy)methane	ND		U	0.0414	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Bis(2-chloroethyl)ether	ND		U	0.0309	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Bis(2-chloroisopropyl)ether	ND		U	0.0589	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Bis(2-ethylhexyl)phthalate	**0.268**			0.0573	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Caprolactam	ND		U	0.0647	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Carbazole	ND		U	0.0442	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Chrysene	**0.247**			0.0426	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Dibenzo(a,h)anthracene	ND		U	0.0398	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Dibenzofuran	ND		U	0.0439	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Diethyl phthalate	ND		U	0.0506	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Dimethyl phthalate	ND		U	0.0454	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Di-n-butyl phthalate	ND		U	0.0559	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Di-n-octyl phthalate	ND		U	0.0425	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Fluoranthene	**0.550**			0.0427	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Fluorene	ND		U	0.0502	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Hexachlorobenzene	ND		U	0.0538	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Hexachlorobutadiene	ND		U	0.0444	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Hexachlorocyclopentadiene	ND		U	0.0668	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Hexachloroethane	ND		U	0.0515	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Indeno(1,2,3-cd)pyrene	**0.204**			0.0514	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Isophorone	ND		U	0.0445	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Naphthalene	ND		U	0.0463	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Nitrobenzene	ND		U	0.0448	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
N-Nitrosodimethylamine	ND		U	0.0578	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
N-nitroso-di-n-propylamine	ND		U	0.0433	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
N-Nitrosodiphenylamine	ND		U	0.0535	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Pentachlorophenol	ND		U	0.0591	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Phenanthrene	**0.191**			0.0427	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Phenol	ND		U	0.0560	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr
Pyrene	**0.466**			0.0418	0.133	1	mg/kg dry	EPA 8270E	8/19/26 10:13	8/21/26 22:57	sr

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*41.5 %*			*20-108*	*EPA 8270E*	*8/21/26 22:57*
Surrogate: SURR: Phenol-d6	*37.9 %*			*23-114*	*EPA 8270E*	*8/21/26 22:57*
Surrogate: SURR: Nitrobenzene-d5	*43.9 %*			*22-108*	*EPA 8270E*	*8/21/26 22:57*
Surrogate: SURR: 2-Fluorobiphenyl	*42.0 %*			*21-113*	*EPA 8270E*	*8/21/26 22:57*
Surrogate: SURR: 2,4,6-Tribromophenol	*43.1 %*			*19-110*	*EPA 8270E*	*8/21/26 22:57*
Surrogate: SURR: Terphenyl-d14	*39.8 %*			*24-116*	*EPA 8270E*	*8/21/26 22:57*

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4,4'-DDD	ND		U	0.00345	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
4,4'-DDE	ND		U	0.00146	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
4,4'-DDT	ND		U	0.00290	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Aldrin	ND		U	0.00115	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
alpha-BHC	ND		U	0.00500	0.00546	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
alpha-Chlordane	ND		U	0.00219	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
beta-BHC	ND		U	0.00574	0.00819	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
delta-BHC	ND		U	0.00507	0.00546	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Dieldrin	ND		U	0.00267	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Endosulfan I	ND		U	0.00136	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Endosulfan II	ND		U	0.00221	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Endosulfan sulfate	ND		U	0.00182	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Endrin	ND		U	0.00275	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Endrin aldehyde	ND		U	0.00409	0.00546	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Endrin ketone	ND		U	0.00268	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
gamma-BHC (Lindane)	ND		U	0.00233	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
gamma-Chlordane	ND		U	0.00302	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Heptachlor	ND		U	0.00185	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Heptachlor epoxide	ND		U	0.000999	0.00182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Methoxychlor	ND		U	0.00263	0.00364	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
Toxaphene	ND		U	0.0724	0.0910	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ
* Chlordane, total	ND		U	0.0132	0.0182	5	mg/kg dry	EPA 8081B	8/19/26 9:06	8/21/26 11:57	RJ

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*30.6 %*			*30-150*	*EPA 8081B*	*8/21/26 11:57*
Surrogate: Tetrachloro-m-xylene	*56.1 %*			*30-150*	*EPA 8081B*	*8/21/26 11:57*

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aroclor 1016	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1221	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1232	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1242	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1248	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1254	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1260	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1262	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
Aroclor 1268	ND		U	0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF
* Total PCBs	**0.0275**			0.0182	0.0182	1	mg/kg dry	EPA 8082A	8/19/26 9:04	8/21/26 17:26	NF

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*36.5 %*			*30-120*	*EPA 8082A*	*8/21/26 17:26*
Surrogate: Decachlorobiphenyl	*29.5 %*	S-08, S-GC		*30-120*	*EPA 8082A*	*8/21/26 17:26*

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Arsenic	ND		U	0.127	0.375	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR
Barium	**0.790**			0.023	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR
Cadmium	ND		U	0.014	0.075	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR
Chromium	ND		U	0.021	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR
Lead	**0.302**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR
Selenium	ND		U	0.218	0.625	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR
Silver	ND			0.022	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:34	AGNR

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Aluminum	**4710**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Antimony	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Arsenic	**3.40**			1.35	1.35	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Barium	**93.8**			2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Beryllium	**0.175**			0.045	0.045	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Cadmium	**0.441**			0.270	0.270	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Calcium	**3770**			4.50	4.50	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Chromium	**18.4**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Cobalt	**4.14**			0.360	0.360	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Copper	**41.3**			1.80	1.80	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Iron	**9490**			22.5	22.5	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Lead	**154**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Magnesium	**2140**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Manganese	**141**			0.451	0.451	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Nickel	**24.0**			0.897	0.897	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Potassium	**685**			4.51	4.51	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Selenium	ND		U	2.25	2.25	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3050B	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Silver	ND		U	0.454	0.454	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Sodium	**96.5**			45.0	45.0	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Thallium	ND		U	1.08	1.81	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Vanadium	**23.2**			0.897	0.897	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR
Zinc	**119**			2.24	2.24	1	mg/kg dry	EPA 6010D	8/14/26 12:32	8/19/26 10:40	AGNR

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Mercury Total**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 7473 soil	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Mercury	**0.423**			0.0104	0.0330	1	mg/kg dry	EPA 7473	8/18/26 15:25	8/19/26 11:28	LCB

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-3060A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Chromium, Hexavalent	ND		U	0.200	0.549	1	mg/kg dry	EPA 7196A	8/20/26 11:10	8/20/26 18:26	JMT
pH	**7.99**	HT-pH		0.500	0.500	1	pH units	EPA 9045D	8/19/26 8:36	8/19/26 14:03	JSJ
* Temperature	**21.6**	Z-01		1.00	1.00	1	°C	EPA 170.1	8/19/26 8:36	8/19/26 14:03	JSJ
Cyanide, total	ND		U	0.323	0.549	1	mg/kg dry	EPA 9014/9010C	8/18/26 14:48	8/18/26 21:30	JS
* Reactivity - Cyanide	ND		U	0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	8/20/26 14:41	8/20/26 21:30	JS
* Reactivity - Sulfide	ND		U	15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	8/20/26 14:40	8/20/26 21:30	JS

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**91.0**		B	0.100	0.100	1	%	SM 2540G	8/18/26 9:41	8/19/26 16:40	CD
Paint Filter Test	No Free Liquid			0.05	0.05	1	None	EPA 9095B	8/19/26 11:37	8/19/26 17:28	JMT
* Ignitability	Non-Ignit.			1	1	1	None	SW 846 1030	8/18/26 11:03	8/18/26 18:19	JMT

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-43**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64	**Collection Date/Time:**	8/13/26 14:25

Lab ID:	**26H0771-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/17/26 16:35	8/18/26 11:10	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-44**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64-G8	**Collection Date/Time:**	8/13/26 14:20

Lab ID:	**26H0771-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1,1-Trichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1,2,2-Tetrachloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1,2-Trichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1-Dichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,1-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2,3-Trichlorobenzene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2,3-Trichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* 1,2,4,5-Tetramethylbenzene	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2,4-Trichlorobenzene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2,4-Trimethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2-Dibromo-3-chloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2-Dibromoethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2-Dichlorobenzene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2-Dichloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,2-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,3,5-Trimethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,3-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,3-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
1,4-Dichlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
2,2-Dichloropropane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
2-Butanone	**0.0098**			0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
2-Chloroethylvinyl ether	ND		U	0.010	0.020	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
2-Chlorotoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
2-Hexanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-44**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64-G8	**Collection Date/Time:**	8/13/26 14:20

Lab ID:	**26H0771-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
4-Chlorotoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
4-Methyl-2-pentanone	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Acetone	**0.062**			0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Acrolein	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Acrylonitrile	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Benzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Bromobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Bromochloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Bromodichloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Bromoform	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Bromomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Carbon disulfide	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Carbon tetrachloride	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Chlorobenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Chloroethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Chloroform	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Chloromethane	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
cis-1,2-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
cis-1,3-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Cyclohexane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Dibromochloromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Dibromomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Dichlorodifluoromethane	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* Diisopropyl ether (DIPE)	ND		U	0.0041	0.0081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* Ethanol	ND		U	0.041	0.081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Ethyl Benzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* Ethyl tert-butyl ether (ETBE)	ND		U	0.0041	0.0081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Hexachlorobutadiene	ND	QL-02	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* Iodomethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Isopropylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Methyl acetate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Methyl Methacrylate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Methyl tert-butyl ether (MTBE)	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Methylcyclohexane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Methylene chloride	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Naphthalene	ND	QL-02, CCVE	U	0.0025	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
n-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
n-Propylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
o-Xylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
p- & m- Xylenes	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* p-Diethylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* p-Ethyltoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
p-Isopropyltoluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
sec-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS

Client:	Preferred Env. Services	**Sample ID:**	**26H0771-44**
Client Project:	HD161DPL Gateway Site Improvements - Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI TP-32-CS-64-G8	**Collection Date/Time:**	8/13/26 14:20

Lab ID:	**26H0771-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Styrene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* tert-Amyl alcohol (TAA)	ND		U	0.041	0.081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* tert-Amyl methyl ether (TAME)	ND		U	0.0041	0.0081	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
tert-Butyl alcohol (TBA)	ND		U	0.013	0.025	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
tert-Butylbenzene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Tetrachloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* Tetrahydrofuran	ND		U	0.0051	0.010	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Toluene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
trans-1,2-Dichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
trans-1,3-Dichloropropylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
* trans-1,4-dichloro-2-butene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Trichloroethylene	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Trichlorofluoromethane	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Vinyl acetate	ND		U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Vinyl Chloride	ND	CCVE	U	0.0025	0.0051	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS
Xylenes, Total	ND		U	0.0076	0.015	1	mg/kg dry	EPA 8260D	8/19/26 9:43	8/19/26 21:45	PRS

Surrogate Recoveries	Result	Lab Qualifier	CLP Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*			*77-125*	*EPA 8260D*	*8/19/26 21:45*
Surrogate: SURR: Toluene-d8	*92.1 %*			*85-120*	*EPA 8260D*	*8/19/26 21:45*
Surrogate: SURR: p-Bromofluorobenzene	*105 %*			*76-130*	*EPA 8260D*	*8/19/26 21:45*

Lab ID:	**26H0771-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
* % Solids	**87.9**		B	0.100	0.100	1	%	SM 2540G	8/17/26 13:53	8/17/26 14:30	CD

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1311 in Soil		
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 6010D in Soil		
Aluminum	7429-90-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Antimony	7440-36-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Calcium	7440-70-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cobalt	7440-48-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Iron	7439-89-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Magnesium	7439-95-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Manganese	7439-96-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Potassium	7440-09-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Sodium	7440-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Thallium	7440-28-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Vanadium	7440-62-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 6010D/1311 in Soil		
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Beryllium	7440-41-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 7196A in Soil		
Chromium, Hexavalent	18540-29-9	NJDEP-CT005,CTDPH-PH-0840,NYSDOH-NY10854,PADEP-68-04440
EPA 7473 in Soil		
Mercury	7439-97-6	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-0840
EPA 8081B in Soil		
4,4'-DDD	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDD [2C]	72-54-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDE [2C]	72-55-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
4,4'-DDT	50-29-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aldrin	309-00-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-BHC	319-84-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
alpha-Chlordane	5103-71-9	NYSDOH-NY10854,NJDEP-CT005

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8081B in Soil (Continued)		
alpha-Chlordane [2C]	5103-71-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005
beta-BHC	319-85-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
delta-BHC	319-86-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Dieldrin	60-57-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan I	959-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endosulfan II	33213-65-9	CTDPH-PH-0840,NYSDOH-NY10854
Endosulfan sulfate	1031-07-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin aldehyde	7421-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Endrin ketone	53494-70-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-Chlordane	5566-34-7	NYSDOH-NY10854,NJDEP-CT005
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8081B/1311 in Soil		
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8082A in Soil		
Aroclor 1016	12674-11-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1221	11104-28-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1232	11141-16-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1242	53469-21-9	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1248	12672-29-6	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1254	11097-69-1	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1260	11096-82-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1262	37324-23-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Aroclor 1268	11100-14-4	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8151A/1311 in Soil		
2,4,5-TP (Silvex)	93-72-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
2,4-D	94-75-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8260D in Soil		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
1,1-Dichloropropylene	563-58-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichloropropane	142-28-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2,2-Dichloropropane	594-20-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chloroethylvinyl ether	110-75-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chlorotoluene	95-49-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Chlorotoluene	106-43-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromobenzene	108-86-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl Methacrylate	80-62-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Naphthalene	91-20-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
trans-1,4-dichloro-2-butene	110-57-6	CTDPH-PH-0840
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl acetate	108-05-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8260D/1311 in Soil		
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8270E in Soil		
1,1-Biphenyl	92-52-4	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4,5-Tetrachlorobenzene	95-94-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4-Trichlorobenzene	120-82-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Dichlorobenzene	95-50-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,3-Dichlorobenzene	541-73-1	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,3,4,6-Tetrachlorophenol	58-90-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dichlorophenol	120-83-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dimethylphenol	105-67-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrophenol	51-28-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,6-Dinitrotoluene	606-20-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chloronaphthalene	91-58-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chlorophenol	95-57-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylnaphthalene	91-57-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitroaniline	88-74-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitrophenol	88-75-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840
3,3-Dichlorobenzidine	91-94-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3-Nitroaniline	99-09-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4,6-Dinitro-2-methylphenol	534-52-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Bromophenyl phenyl ether	101-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloro-3-methylphenol	59-50-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloroaniline	106-47-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chlorophenyl phenyl ether	7005-72-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitroaniline	100-01-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitrophenol	100-02-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthene	83-32-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthylene	208-96-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acetophenone	98-86-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Aniline	62-53-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Anthracene	120-12-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Atrazine	1912-24-9	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzaldehyde	100-52-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzidine	92-87-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)anthracene	56-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)pyrene	50-32-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(b)fluoranthene	205-99-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(g,h,i)perylene	191-24-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(k)fluoranthene	207-08-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzoic acid	65-85-0	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl alcohol	100-51-6	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl butyl phthalate	85-68-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethoxy)methane	111-91-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethyl)ether	111-44-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroisopropyl)ether	108-60-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-ethylhexyl)phthalate	117-81-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Caprolactam	105-60-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Carbazole	86-74-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Chrysene	218-01-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzo(a,h)anthracene	53-70-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzofuran	132-64-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Diethyl phthalate	84-66-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dimethyl phthalate	131-11-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-butyl phthalate	84-74-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-octyl phthalate	117-84-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluoranthene	206-44-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluorene	86-73-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorocyclopentadiene	77-47-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Indeno(1,2,3-cd)pyrene	193-39-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Isophorone	78-59-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Naphthalene	91-20-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodimethylamine	62-75-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-nitroso-di-n-propylamine	621-64-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodiphenylamine	86-30-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenanthrene	85-01-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenol	108-95-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyrene	129-00-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 8270E/1311 in Soil		
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840,PADEP-68-04440
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyridine	110-86-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 9014/9010C in Soil		
Cyanide, total	57-12-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 9045D in Soil		
pH	pH	NYSDOH-NY10854,CTDPH-PH-0840,PADEP-68-04440
EPA 9095B in Soil		
Paint Filter Test	PF	NYSDOH-NY10854,NJDEP-CT005
SM 2540G in Soil		
% Solids	solids	CTDPH-PH-0840

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2027
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2027
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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).
IGN-01	Non-Ignit.
IS-01	This internal standard did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. The associated compounds have been flagged IS-HI or IS-LO accordingly.
IS-08	Recovery of this internal standard was outside QC limits.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
PF-01	No Free Liquid
PF-02	Free Liquid Present
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
Z-01	temperature taken at the same time as pH

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

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, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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. 26H0771

Page 1 of 5

YOUR Information	Report To:	Invoice To:
Company: Preferred Environmental Servoes	Company: Preferred Environmental Servoes	Company: Preferred Environmental Servoes
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com

YOUR Project Number:

YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue

YOUR PO#:

Turn-Around Time

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

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

Esther Schonfeld

Samples Collected By: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKDP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced NY ASP B; Standard Excel EDD (Standard NYSDEC EQuIS); NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-23-CS-43	S	8/13 7:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-23-CS-43-G1	S	7:45	VOCs 8260	Terracore
HD161DPL GSI TP-23-CS-44	S	8:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-23-CS-44-G2	S	7:55	VOCs 8260	Terracore
HD161DPL GSI TP-22-CS-45	S	12:40	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-22-CS-45-G3	S	12:35	VOCs 8260	Terracore
HD161DPL GSI TP-28-CS-46	S	9:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-28-CS-46-G3	S	8:55	VOCs 8260	Terracore
HD161DPL GSI TP-28-CS-47	S	9:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-28-CS-47-G4	S	9:10	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl __ MeOH __ HNO3 __ H2SO4 __ NaOH __ ZnAc __ Ascorbic Acid __ Other: _____

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/13 7pm		
	8/14/26 9:30		
MH	8.14.26 15:49	MH	8.14.26 15:49
	8/14/26 7:30		
Fedex	8/14/26	Fedex	8-14-26 20:30

Temp. Received at Lab: 3.7/3.66 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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. 26H0771

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-29-CS-48	S	8/13 9:45	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-29-CS-48-G5	S	9:40	VOCs 8260	Terracore
HD161DPL GSI TP-29-CS-49	S	9:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-29-CS-49-G6	S	9:50	VOCs 8260	Terracore
HD161DPL GSI TP-29-CS-50	S	10:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-29-CS-50-G7	S	10:25	VOCs 8260	Terracore
HD161DPL GSI TP-28-CS-51	S	11:20	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-28-CS-51-G8	S	11:15	VOCs 8260	Terracore
HD161DPL GSI TP-30-CS-52	S	10:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-30-CS-52-G1	S	10:45	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13 7PM		8/14/26 9:30		8-14-26 15:49
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
MA 8-14-26 15:49	4.7	MA 8-14-26			8/14/26 17:30
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/14/26			9-14-26 20:30	3.7/3.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 3 of 5

YORK Project No. 26H0771

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100		RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-30-CS-53	S	8/13 11:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-30-CS-53-G2	S	10:55	VOCs 8260	Terracore
HD161DPL GSI TP-30-CS-54	S	11:10	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-30-CS-54-G3	S	11:05	VOCs 8260	Terracore
HD161DPL GSI TP-31-CS-55	S	11:55	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-31-CS-55-G4	S	11:50	VOCs 8260	Terracore
HD161DPL GSI TP-31-CS-56	S	12:15	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-31-CS-56-G5	S	12:10	VOCs 8260	Terracore
HD161DPL GSI TP-31-CS-57	S	12:30	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-31-CS-57-G6	S	12:25	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter *

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
	8/13 7pm		8/14/26 9:30	8.14.26	15:49
8.14.26	15:49 4.7		8.14.26		8/14/26 17:30
	8/14/26			8.14.26 20:30	Temp. Received at Lab: 2.7/2.6 °C

* Additional analysis for TP-31 - CS 55, 56, 57:
- Be, Ni, Cu, Zn and TCLP Be, Ni, Cu, Zn
- TCLP VOCs, TCLP SVOCs, TCLP Herb, TCLP Pest

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 26H0771

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 4 of 5

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day ☐
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day ☐
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day ☐
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day ☐
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package; NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other

YORK Reg. Comp. — Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-27-CS-58	S	8/13 12:50	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-27-CS-58-G7	S	12:45	VOCs 8260	Terracore
HD161DPL GSI TP-33-CS-59	S	13:10	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-33-CS-59-G8	S	13:05	VOCs 8260	Terracore
HD161DPL GSI TP-33-CS-60	S	13:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-33-CS-60-G5	S	13:20	VOCs 8260	Terracore
HD161DPL GSI TP-33-CS-61	S	13:40	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-33-CS-61-G5	S	13:35	VOCs 8260	Terracore
HD161DPL GSI TP-32-CS-62	S	14:00	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-32-CS-62-G6	S	13:55	VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/13 7PM		8/14/26 9:30	8.14.26	15:49
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
MA 8.14.26	15:49	MA 8.14.26			8/14/26 17:50
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
	8/14/26			Jeremiah U 8.14.26 20:30	3.7/3.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 5 of 5

YORK Project No. 26H0771

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schofield

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package; NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI TP-32-CS-63	S	8/13 14:35	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-32-CS-63-G7	S	" 14:40	VOCs 8260	Terracore
HD161DPL GSI TP-32-CS-64	S	" 14:25	*Refer to comments	3 8-oz, 1 4-oz
HD161DPL GSI TP-32-CS-64-GR	S	" 14:20	VOCs 8260	Terracore
	S		*Refer to comments	3 8-oz, 1 4-oz
	S		VOCs 8260	Terracore
	S		*Refer to comments	3 8-oz, 1 4-oz
	S		VOCs 8260	Terracore
	S		*Refer to comments	3 8-oz, 1 4-oz
	S		VOCs 8260	Terracore

Comments: All composite samples to be analyzed for: SVOCs 8270, Pest 8081B, PCBs 8082A, EPH Cat-2 non-frac 8015B, Metals (with hex. chrom. and CN), RCRA ignitability, corrosivity, reactivity (sulfide and cyanide), TCLP Metals, paint filter

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/13 7pm		8/14/20 9a
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
MA 8-14-26	15:49 47	MA 8-14-26	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26		

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8-14-26		15:49
Samples Received by / Company	Date/Time		
	8/14/26 1713		
Samples Received in LAB by	Date/Time	Temp. Received at Lab	
Jeremiah W	8-14-26 20:30	3.9/3.86	Degrees C

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	7:50
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82987

Project ID: 26H0771
Client ID: HD161DPL GSI TP-23-C2-43

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	59			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	85			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

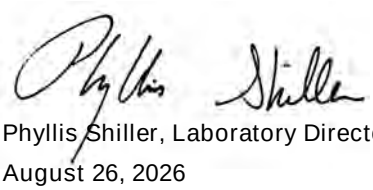
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	8:00
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82988

Project ID: 26H0771
Client ID: HD161DPL GSI TP-23-CS-44

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	89			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	55			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	93			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

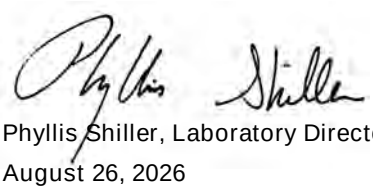
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	12:40
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82989

Project ID: 26H0771
Client ID: HD161DPL GSI TP-22-CS-45

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	95			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	120	120	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	65			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	84			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

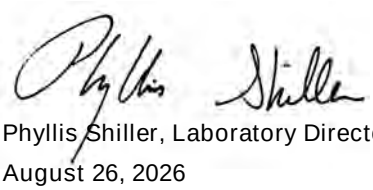
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	9:00
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82990

Project ID: 26H0771
Client ID: HD161DPL GSI TP-28-CS-46

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	92			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	47	26	26	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	69			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	98			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

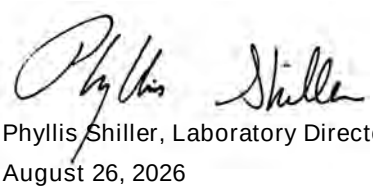
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	9:15
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82991

Project ID: 26H0771
Client ID: HD161DPL GSI TP-28-CS-47

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	88	27	27	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	63			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	90			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

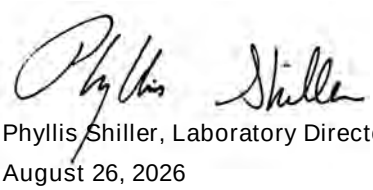
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	9:45
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82992

Project ID: 26H0771
Client ID: HD161DPL GSI TP-29-CS-48

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	87			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	28	28	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	66			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	92			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	9:55
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82993

Project ID: 26H0771
Client ID: HD161DPL GSI TP-29-CS-49

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	85			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	66			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	125			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

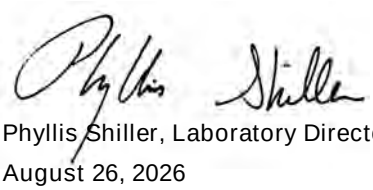
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	10:30
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82994

Project ID: 26H0771
Client ID: HD161DPL GSI TP-29-CS-50

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	57			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	86			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

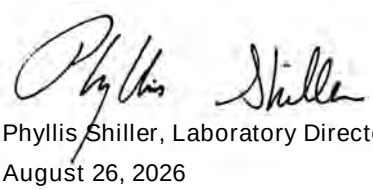
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	11:20
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82995

Project ID: 26H0771
Client ID: HD161DPL GSI TP-28-CS-51

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	27	27	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	66			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	91			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	10:50
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82996

Project ID: 26H0771
Client ID: HD161DPL GSI TP-30-C2-52

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	85			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	28	28	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	61			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	93			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

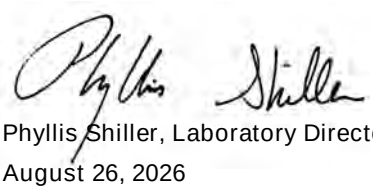
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	11:00
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82997

Project ID: 26H0771
Client ID: HD161DPL GSI TP-30-CS-53

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	140	140	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	59			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	84			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

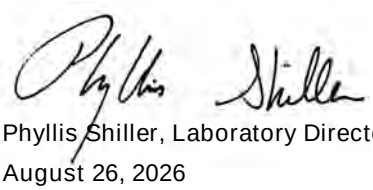
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	11:10
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82998

Project ID: 26H0771
Client ID: HD161DPL GSI TP-30-CS-54

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/19/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/19/26	AK/AK	SW7470A	
TCLP Extraction for Metals	Completed					08/18/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	130	130	mg/kg	5	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	61			%	5	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	90			%	5	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

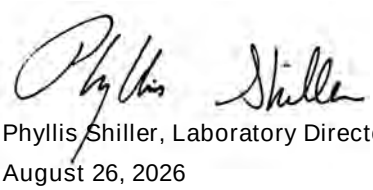
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	11:55
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW82999

Project ID: 26H0771
Client ID: HD161DPL GSI TP-31-CS-55

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	77			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/17/26	F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	63	63	mg/kg	1	08/18/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	63			%	1	08/18/26	AW	40 - 140 %	
% Terphenyl (surr)	91			%	1	08/18/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

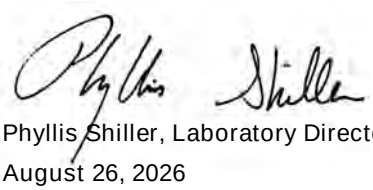
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	12:15
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83000

Project ID: 26H0771
Client ID: HD161DPL GSI TP-31-CS-56

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	27	27	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	59			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	86			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

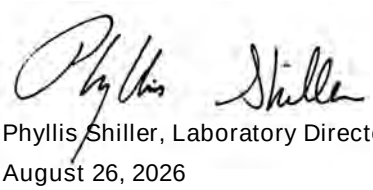
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	12:30
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83001

Project ID: 26H0771
Client ID: HD161DPL GSI TP-31-CS-57

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	76			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	64	64	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	63			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	93			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

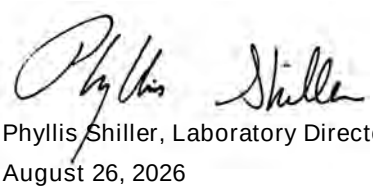
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	12:50
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83002

Project ID: 26H0771
Client ID: HD161DPL GSI TP-27-CS-58

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	96			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	51	51	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	61			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	90			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

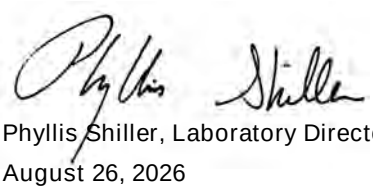
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	13:10
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83003

Project ID: 26H0771
Client ID: HD161DPL GSI TP-33-CS-59

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	51	51	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	67			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	93			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

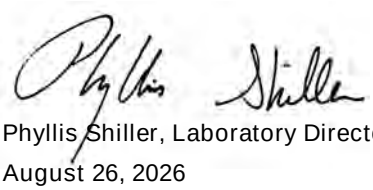
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	14:25
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83004

Project ID: 26H0771
Client ID: HD161DPL GSI TP-33-CS-60

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	88			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	50	50	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	67			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	98			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	13:40
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83005

Project ID: 26H0771
Client ID: HD161DPL GSI TP-33-CS-61

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	93			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	25	25	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	68			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	94			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

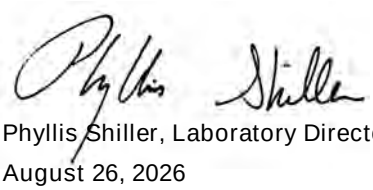
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	14:00
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83006

Project ID: 26H0771
Client ID: HD161DPL GSI TP-32-CS-62

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	50	50	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	64			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	92			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

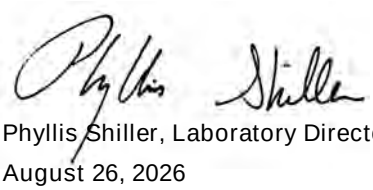
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	14:15
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83007

Project ID: 26H0771
Client ID: HD161DPL GSI TP-32-CS-63

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	90			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/18/26	KP/KP	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	50	50	mg/kg	1	08/19/26	AW	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	68			%	1	08/19/26	AW	40 - 140 %	
% Terphenyl (surr)	93			%	1	08/19/26	AW	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

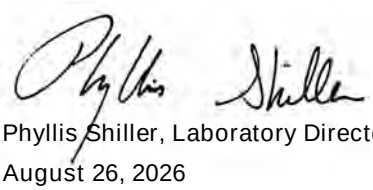
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

August 26, 2026

FOR: Attn: Mr. Scott Hall
ALS Environmental - Stratford
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/13/26	14:25
Location Code:	YORK	Received by:	SW	08/17/26	9:30
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCW82987
Phoenix ID: CW83008

Project ID: 26H0771
Client ID: HD161DPL GSI TP-32-CS-64

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
TCLP Mercury	< 0.0002	0.0002		mg/L	1	08/20/26	KG	SW846 1311/7470	
Percent Solid	91			%		08/17/26	CV	SW846-%Solid	
NJ EPH Extraction	Completed					08/24/26	I/F/Z	NJDEP 10-08 R3	
TCLP Digestion Mercury	Completed					08/20/26	/SM1	SW7470A	
TCLP Extraction for Metals	Completed					08/19/26	AK	SW1311	
NJ EPH Category 2									
Total EPH (C9-C40)	ND	260	260	mg/kg	10	08/26/26	JRB	NJEPH 10-08 R3	1
QA/QC Surrogates									
% COD (surr)	61			%	10	08/26/26	JRB	40 - 140 %	
% Terphenyl (surr)	69			%	10	08/26/26	JRB	40 - 140 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

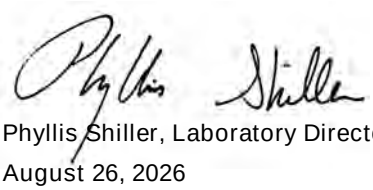
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 26, 2026
Official Report Release To Follow

Sample Criteria Exceedances Report

GCW82987 - YORK

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

4.1 COC 10
8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

SENDING LABORATORY:

ALS Environmental - Stratford
120 Research Dr
Stratford, CT 06615
Phone: 203.325.1371

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102

Sample ID: HD161DPL GSI TP-23-C2-43 82987 **ALS Ref: 26H0771-01**

Matrix: Soil **Date Sampled :** 08/13/2026 07:50

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 07:50	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-23-CS-44 82988 **ALS Ref: 26H0771-03**

Matrix: Soil **Date Sampled :** 08/13/2026 08:00

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 08:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner	8/17/2026 7Am	KBahnes 8/17/26 7am	
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBahnes 8/17/26 9:30 AM			8/17/26 9:9am
Received By	Date	Received in Subcontract Lab By	Date
Atrium		monica Pellerin	8/17/26 9:30

4.1 OWC-IP
8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

82989

Sample ID: HD161DPL GSI TP-22-CS-45 **ALS Ref: 26H0771-05**

Matrix: Soil **Date Sampled :** 08/13/2026 12:40

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	**08/21/2026 19:00**	08/27/2026 12:40	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82990

Sample ID: HD161DPL GSI TP-28-CS-46 **ALS Ref: 26H0771-07**

Matrix: Soil **Date Sampled :** 08/13/2026 09:00

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	**08/21/2026 19:00**	08/27/2026 09:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82991

Sample ID: HD161DPL GSI TP-28-CS-47 **ALS Ref: 26H0771-09**

Matrix: Soil **Date Sampled :** 08/13/2026 09:15

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	**08/21/2026 19:00**	08/27/2026 09:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026 7am — Released By ALS-Stratford Sample Control Date

K Sahas 8/18/26 7am — Received By — Date

K Sahas 8/18/26 9:19AM — Received By — Date

Atrium

Received In Subcontract Lab By — Date

Monica J Pellerin 8/18/26 9:30

4.1 OWC 10
8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

82992

Sample ID: HD161DPL GSI TP-29-CS-48 **ALS Ref: 26H0771-11**

Matrix: Soil **Date Sampled :** 08/13/2026 09:45

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 09:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82993

Sample ID: HD161DPL GSI TP-29-CS-49 **ALS Ref: 26H0771-13**

Matrix: Soil **Date Sampled :** 08/13/2026 09:55

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 09:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82994

Sample ID: HD161DPL GSI TP-29-CS-50 **ALS Ref: 26H0771-15**

Matrix: Soil **Date Sampled :** 08/13/2026 10:30

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 10:30	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner	8/17/2026 7am	Khalhas 8/17/26 7am	
Released By ALS-Stratford Sample Control	Date	Received By	Date
Khalhas 8/17/26 9:10am		8/17/26 9:10am	
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Marcus Pelleau	8/17/26 9:30

4.1 DWC HP
8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

82995

Sample ID: HD161DPL GSI TP-28-CS-51 **ALS Ref: 26H0771-17**

Matrix: Soil **Date Sampled :** 08/13/2026 11:20

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction	08/21/2026 19:00	08/27/2026 11:20	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82996

Sample ID: HD161DPL GSI TP-30-CS-52 **ALS Ref: 26H0771-19**

Matrix: Soil **Date Sampled :** 08/13/2026 10:50

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction	08/21/2026 19:00	08/27/2026 10:50	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82997

Sample ID: HD161DPL GSI TP-30-CS-53 **ALS Ref: 26H0771-21**

Matrix: Soil **Date Sampled :** 08/13/2026 11:00

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction	08/21/2026 19:00	08/27/2026 11:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner	8/17/2026 7am	KBalmas	8/17/26 7am
Released By ALS-Stratford Sample Control	Date	Received By	Date
KBalmas	8/17/26 9PM		8/17/26 9:00AM
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica J. Pelton	8/17/26 9:32

4.1 OWC IP

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

82998

Sample ID: HD161DPL GSI TP-30-CS-54 **ALS Ref: 26H0771-23**

Matrix: Soil **Date Sampled :** 08/13/2026 11:10

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 11:10	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

82999

Sample ID: HD161DPL GSI TP-31-CS-55 **ALS Ref: 26H0771-25**

Matrix: Soil **Date Sampled :** 08/13/2026 11:55

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 11:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

83000

Sample ID: HD161DPL GSI TP-31-CS-56 **ALS Ref: 26H0771-27**

Matrix: Soil **Date Sampled :** 08/13/2026 12:15

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 12:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner	8/17/2026 7am		KBallard	8/17/26 7am	
Released By ALS-Stratford Sample Control	Date		Received By	Date	
KBallard	8/17/26 9:10am			8/17/26 9:10am	
Received By	Date		Received in Subcontract Lab By	Date	
Atrium			Monica A Pellerin	8/17/26 9:30	

4.1 OWC IP

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-31-CS-57 83001 **ALS Ref: 26H0771-29**

Matrix: Soil **Date Sampled :** 08/13/2026 12:30

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 12:30	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-27-CS-58 83002 **ALS Ref: 26H0771-31**

Matrix: Soil **Date Sampled :** 08/13/2026 12:50

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 12:50	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-33-CS-59 83003 **ALS Ref: 26H0771-33**

Matrix: Soil **Date Sampled :** 08/13/2026 13:10

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 13:10	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026 7am — Released By ALS-Stratford Sample Control Date

Received By — Date

8/17/26 7am — Received By — Date

8/17/26 9:00am

Received By Atrium Date

Received in Subcontract Lab By Monica Pelleum Date 8/17/26 9:30

4.1 cwe 1P

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-33-CS-60 83004 **ALS Ref: 26H0771-35**

Matrix: Soil **Date Sampled :** 08/13/2026 14:25

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 14:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-33-CS-61 83005 **ALS Ref: 26H0771-37**

Matrix: Soil **Date Sampled :** 08/13/2026 13:40

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 13:40	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-32-CS-62 83006 **ALS Ref: 26H0771-39**

Matrix: Soil **Date Sampled :** 08/13/2026 14:00

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 14:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026 7AM
Released By ALS Stratford Sample Control Date

Received By Date

8/17/26 9:10AM

Received By Atrium Date

Received in Subcontract Lab By Monica J Pellerin Date 8/17/26 9:30

4.1 DUC (P

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

83007

Sample ID: HD161DPL GSI TP-32-CS-63 **ALS Ref: 26H0771-41**

Matrix: Soil **Date Sampled :** 08/13/2026 14:15

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 14:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

83008

Sample ID: HD161DPL GSI TP-32-CS-64 **ALS Ref: 26H0771-43**

Matrix: Soil **Date Sampled :** 08/13/2026 14:25

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fraction:	08/21/2026 19:00	08/27/2026 14:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner	8/17/2026 7am		
Released By ALS Stratford Sample Control	Date	Received By	Date
	8/17/26 9:10 AM		8/17/26 9:10 AM
Received By	Date	Received in Subcontract Lab By	Date
Atrium		Monica Pelkun	8/17/26 9:30

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

SENDING LABORATORY:

ALS Environmental - Stratford
120 Research Dr
Stratford, CT 06615
Phone: 203.325.1371

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102

Sample ID: HD161DPL GSI TP-23-C2-43 **ALS Ref: 26H0771-01**

Matrix: Soil **Date Sampled :** 08/13/2026 07:50

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 07:50	
Mercury, TCLP	08/24/2026 19:00	09/10/2026 07:50	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-23-CS-44 **ALS Ref: 26H0771-03**

Matrix: Soil **Date Sampled :** 08/13/2026 08:00

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 08:00	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 08:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-22-CS-45 **ALS Ref: 26H0771-05**

Matrix: Soil **Date Sampled :** 08/13/2026 12:40

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 12:40	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 12:40	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-28-CS-46 **ALS Ref: 26H0771-07**

Matrix: Soil **Date Sampled :** 08/13/2026 09:00

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 09:00	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 09:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-28-CS-47 **ALS Ref: 26H0771-09**

Matrix: Soil **Date Sampled :** 08/13/2026 09:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 09:15	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 09:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0771**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-29-CS-48 **ALS Ref: 26H0771-11**

Matrix: Soil **Date Sampled :** 08/13/2026 09:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 09:45	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 09:45	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-29-CS-49 **ALS Ref: 26H0771-13**

Matrix: Soil **Date Sampled :** 08/13/2026 09:55

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 09:55	
Mercury, TCLP	08/24/2026 19:00	09/10/2026 09:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-29-CS-50 **ALS Ref: 26H0771-15**

Matrix: Soil **Date Sampled :** 08/13/2026 10:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 10:30	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 10:30	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: **26H0771**

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: **Standard EXCEL**

Data Pkg DUE:
Special Info:
Reporting level: **MDL/LOD**

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control | Date | Received By | Date

Received By | Date | Received in Subcontract Lab By | Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0771**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-28-CS-51 **ALS Ref: 26H0771-17**

Matrix: Soil **Date Sampled :** 08/13/2026 11:20

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 11:20**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 11:20**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-30-CS-52 **ALS Ref: 26H0771-19**

Matrix: Soil **Date Sampled :** 08/13/2026 10:50

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 10:50**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 10:50**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-30-CS-53 **ALS Ref: 26H0771-21**

Matrix: Soil **Date Sampled :** 08/13/2026 11:00

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 11:00**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 11:00**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: **26H0771**

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: **Standard EXCEL**

Data Pkg DUE:
Special Info:
Reporting level: **MDL/LOD**

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-30-CS-54 **ALS Ref: 26H0771-23**

Matrix: Soil **Date Sampled :** 08/13/2026 11:10

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 11:10	
Mercury, TCLP	08/24/2026 19:00	09/10/2026 11:10	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-31-CS-55 **ALS Ref: 26H0771-25**

Matrix: Soil **Date Sampled :** 08/13/2026 11:55

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 11:55	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 11:55	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-31-CS-56 **ALS Ref: 26H0771-27**

Matrix: Soil **Date Sampled :** 08/13/2026 12:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 12:15	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 12:15	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: NY
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control | Date | Received By | Date

Received By | Date | Received in Subcontract Lab By | Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-31-CS-57 **ALS Ref: 26H0771-29**

Matrix: Soil **Date Sampled :** 08/13/2026 12:30

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 12:30**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 12:30**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-27-CS-58 **ALS Ref: 26H0771-31**

Matrix: Soil **Date Sampled :** 08/13/2026 12:50

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 12:50**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 12:50**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-33-CS-59 **ALS Ref: 26H0771-33**

Matrix: Soil **Date Sampled :** 08/13/2026 13:10

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 13:10**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 13:10**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control | Date | Received By | Date

Received By | Date | Received in Subcontract Lab By | Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: **26H0771**

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to:** NASTR.Subcontract@alsglobal.com
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-33-CS-60 **ALS Ref: 26H0771-35**

Matrix: Soil **Date Sampled :** 08/13/2026 14:25

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 14:25	
Mercury, TCLP	08/24/2026 19:00	09/10/2026 14:25	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-33-CS-61 **ALS Ref: 26H0771-37**

Matrix: Soil **Date Sampled :** 08/13/2026 13:40

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 13:40	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 13:40	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-32-CS-62 **ALS Ref: 26H0771-39**

Matrix: Soil **Date Sampled :** 08/13/2026 14:00

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	08/24/2026 19:00	09/10/2026 14:00	
NJDEP EPH (Cat. 2 Non-Fractionated)	08/24/2026 19:00	08/27/2026 14:00	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: **26H0771**

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: **Standard EXCEL**

Data Pkg DUE:
Special Info:
Reporting level: **MDL/LOD**

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

8/17/2026

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

Project No.: 26H0771

This information is being sent to inform you that ALS-Stratford intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact your project manager for further information.

E-mail lab reports to: USAEnviro.Stratford@alsglobal.com **Sample confirmations to: NASTR.Subcontract@alsglobal.com**
Mail Hard Copies to: The address below

Sample ID: HD161DPL GSI TP-32-CS-63 **ALS Ref: 26H0771-41**

Matrix: Soil **Date Sampled :** 08/13/2026 14:15

Analysis Needed	Date Due	Holding Time Expires	Comments
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 14:15**	
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 14:15**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Sample ID: HD161DPL GSI TP-32-CS-64 **ALS Ref: 26H0771-43**

Matrix: Soil **Date Sampled :** 08/13/2026 14:25

Analysis Needed	Date Due	Holding Time Expires	Comments
NJDEP EPH (Cat. 2 Non-Fractionated)	**08/24/2026 19:00**	**08/27/2026 14:25**	
Mercury, TCLP	**08/24/2026 19:00**	**09/10/2026 14:25**	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (A)

Purchase Order No.: 26H0771

Samples from State of: **NY**
Collected by: client

Deliverables required:

EDDs required: Standard EXCEL

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Marcus A Skinner 8/17/2026

Released By ALS-Stratford Sample Control | Date | Received By | Date

Received By | Date | Received in Subcontract Lab By | Date

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Report Date: 08/21/2026
Client Project ID: HD161DPL Gateway Site Improvements-Flatlands Avenue
Project (SDG) No.: 26H0787

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 08/21/2026
Client Project ID: HD161DPL Gateway Site Improvements-Flatlands Avenue
Project (SDG) No.: 26H0787

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 14, 2026 and listed below. The project was identified as your project: **HD161DPL Gateway Site Improvements-Flatlands Avenue**.

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.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0787-01	HD161DPL GSI SP2-02A-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-02	HD161DPL GSI SP2-02A-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-03	HD161DPL GSI SP2-02A-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-04	HD161DPL GSI SP2-02A-G4(3-4)	Soil	08/14/2026	08/14/2026
26H0787-05	HD161DPL GSI SP2-02B-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-06	HD161DPL GSI SP2-02B-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-07	HD161DPL GSI SP2-02B-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-08	HD161DPL GSI SP2-02B-G4(3-4)	Soil	08/14/2026	08/14/2026
26H0787-09	HD161DPL GSI SP2-02C-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-10	HD161DPL GSI SP2-02C-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-11	HD161DPL GSI SP2-02C-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-12	HD161DPL GSI SP2-02C-G4(3-4)	Soil	08/14/2026	08/14/2026
26H0787-13	HD161DPL GSI SP2-02D-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-14	HD161DPL GSI SP2-02D-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-15	HD161DPL GSI SP2-02D-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-16	HD161DPL GSI SP2-02D-G4(3-4)	Soil	08/14/2026	08/14/2026
26H0787-33	HD161DPL GSI SP2-06A-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-34	HD161DPL GSI SP2-06A-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-35	HD161DPL GSI SP2-06A-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-36	HD161DPL GSI SP2-06A-G4(3-4)	Soil	08/14/2026	08/14/2026

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26H0787-37	HD161DPL GSI SP2-06B-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-38	HD161DPL GSI SP2-06B-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-39	HD161DPL GSI SP2-06B-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-40	HD161DPL GSI SP2-06B-G4(3-4)	Soil	08/14/2026	08/14/2026
26H0787-41	HD161DPL GSI SP2-06C--G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-42	HD161DPL GSI SP2-06C-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-43	HD161DPL GSI SP2-06C-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-44	HD161DPL GSI SP2-06C-G4(3-4)	Soil	08/14/2026	08/14/2026
26H0787-45	HD161DPL GSI SP2-06D-G1(0-1)	Soil	08/14/2026	08/14/2026
26H0787-46	HD161DPL GSI SP2-06D-G2(1-2)	Soil	08/14/2026	08/14/2026
26H0787-47	HD161DPL GSI SP2-06D-G3(2-3)	Soil	08/14/2026	08/14/2026
26H0787-48	HD161DPL GSI SP2-06D-G4(3-4)	Soil	08/14/2026	08/14/2026

General Notes for Project (SDG) No.: 26H0787

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. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, 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 ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:



Scott Hall
Laboratory Manager - Stratford

Date: 08/21/2026

Positive Hits Included in This Report

Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26H0787-01 - HD161DPL GSI SP2-02A-G1(0-1)								
Lead	0.828			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:35
26H0787-02 - HD161DPL GSI SP2-02A-G2(1-2)								
Lead	0.228			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:49
26H0787-03 - HD161DPL GSI SP2-02A-G3(2-3)								
Lead	0.350			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:51
26H0787-04 - HD161DPL GSI SP2-02A-G4(3-4)								
Lead	0.140			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:52
26H0787-05 - HD161DPL GSI SP2-02B-G1(0-1)								
Lead	0.885			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:54
26H0787-06 - HD161DPL GSI SP2-02B-G2(1-2)								
Lead	0.685			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:55
26H0787-07 - HD161DPL GSI SP2-02B-G3(2-3)								
Lead	0.175			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:57
26H0787-08 - HD161DPL GSI SP2-02B-G4(3-4)								
Lead	0.165			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 14:58
26H0787-09 - HD161DPL GSI SP2-02C-G1(0-1)								
Lead	0.535			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 15:00
26H0787-10 - HD161DPL GSI SP2-02C-G2(1-2)								
Lead	0.300			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 15:01
26H0787-11 - HD161DPL GSI SP2-02C-G3(2-3)								
Lead	0.250			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 15:10
26H0787-12 - HD161DPL GSI SP2-02C-G4(3-4)								
Lead	0.195			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 15:11
26H0787-13 - HD161DPL GSI SP2-02D-G1(0-1)								
Lead	0.262			0.113	0.125	mg/L	EPA 6010D/1311	08/20/26 15:13
26H0787-15 - HD161DPL GSI SP2-02D-G3(2-3)								
Lead	0.140			0.113	0.125	mg/L	EPA 6010D/1311	08/21/26 11:46
26H0787-37 - HD161DPL GSI SP2-06B-G1(0-1)								
Lead	0.128			0.113	0.125	mg/L	EPA 6010D/1311	08/21/26 12:02
26H0787-38 - HD161DPL GSI SP2-06B-G2(1-2)								
Lead	0.165			0.113	0.125	mg/L	EPA 6010D/1311	08/21/26 12:04
26H0787-46 - HD161DPL GSI SP2-06D-G2(1-2)								
Lead	0.422			0.113	0.125	mg/L	EPA 6010D/1311	08/21/26 12:31
26H0787-47 - HD161DPL GSI SP2-06D-G3(2-3)								
Lead	0.858			0.113	0.125	mg/L	EPA 6010D/1311	08/21/26 12:32
26H0787-48 - HD161DPL GSI SP2-06D-G4(3-4)								
Lead	0.418			0.113	0.125	mg/L	EPA 6010D/1311	08/21/26 12:42

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-01**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02A-G1(0-1)	**Collection Date/Time:**	8/14/26 7:40

Lab ID:	**26H0787-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**0.828**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:35	AGNR

Lab ID:	**26H0787-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-02**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02A-G2(1-2)	**Collection Date/Time:**	8/14/26 7:42

Lab ID:	**26H0787-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Lead	**0.228**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:49	AGNR

Lab ID:	**26H0787-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09	TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-03**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02A-G3(2-3)	**Collection Date/Time:**	8/14/26 7:44

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-03**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02A-G3(2-3)	**Collection Date/Time:**	8/14/26 7:44

Lab ID:	**26H0787-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.350**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:51 AGNR

Lab ID:	**26H0787-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-04**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02A-G4(3-4)	**Collection Date/Time:**	8/14/26 7:46

Lab ID:	**26H0787-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.140**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:52 AGNR

Lab ID:	**26H0787-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-05**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02B-G1(0-1)	**Collection Date/Time:**	8/14/26 8:16

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-05**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02B-G1(0-1)	**Collection Date/Time:**	8/14/26 8:16

Lab ID:	**26H0787-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.885**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:54 AGNR

Lab ID:	**26H0787-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-06**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02B-G2(1-2)	**Collection Date/Time:**	8/14/26 8:18

Lab ID:	**26H0787-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.685**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:55 AGNR

Lab ID:	**26H0787-06**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-07**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02B-G3(2-3)	**Collection Date/Time:**	8/14/26 8:20

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-07**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02B-G3(2-3)	**Collection Date/Time:**	8/14/26 8:20

Lab ID:	**26H0787-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.175**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:57 AGNR

Lab ID:	**26H0787-07**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-08**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02B-G4(3-4)	**Collection Date/Time:**	8/14/26 8:22

Lab ID:	**26H0787-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.165**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 14:58 AGNR

Lab ID:	**26H0787-08**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-09**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02C-G1(0-1)	**Collection Date/Time:**	8/14/26 7:56

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-09**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02C-G1(0-1)	**Collection Date/Time:**	8/14/26 7:56

Lab ID:	**26H0787-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.535**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 15:00 AGNR

Lab ID:	**26H0787-09**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-10**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02C-G2(1-2)	**Collection Date/Time:**	8/14/26 7:58

Lab ID:	**26H0787-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.300**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 15:01 AGNR

Lab ID:	**26H0787-10**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-11**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02C-G3(2-3)	**Collection Date/Time:**	8/14/26 8:00

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-11**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02C-G3(2-3)	**Collection Date/Time:**	8/14/26 8:00

Lab ID:	**26H0787-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.250**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 15:10 AGNR

Lab ID:	**26H0787-11**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-12**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02C-G4(3-4)	**Collection Date/Time:**	8/14/26 8:02

Lab ID:	**26H0787-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.195**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 15:11 AGNR

Lab ID:	**26H0787-12**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-13**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02D-G1(0-1)	**Collection Date/Time:**	8/14/26 8:32

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-13**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02D-G1(0-1)	**Collection Date/Time:**	8/14/26 8:32

Lab ID:	**26H0787-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.262**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 15:13 AGNR

Lab ID:	**26H0787-13**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-14**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02D-G2(1-2)	**Collection Date/Time:**	8/14/26 8:34

Lab ID:	**26H0787-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:26	8/20/26 15:14 AGNR

Lab ID:	**26H0787-14**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-15**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02D-G3(2-3)	**Collection Date/Time:**	8/14/26 8:36

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-15**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02D-G3(2-3)	**Collection Date/Time:**	8/14/26 8:36

Lab ID:	**26H0787-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.140**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 11:46 AGNR

Lab ID:	**26H0787-15**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-16**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-02D-G4(3-4)	**Collection Date/Time:**	8/14/26 8:38

Lab ID:	**26H0787-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 11:55 AGNR

Lab ID:	**26H0787-16**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:38	8/19/26 12:09 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-33**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06A-G1(0-1)	**Collection Date/Time:**	8/14/26 9:10

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-33**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06A-G1(0-1)	**Collection Date/Time:**	8/14/26 9:10

Lab ID:	**26H0787-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 11:57 AGNR

Lab ID:	**26H0787-33**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-34**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06A-G2(1-2)	**Collection Date/Time:**	8/14/26 9:12

Lab ID:	**26H0787-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 11:58 AGNR

Lab ID:	**26H0787-34**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp, WTCLP_AMT

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-35**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06A-G3(2-3)	**Collection Date/Time:**	8/14/26 9:14

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-35**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06A-G3(2-3)	**Collection Date/Time:**	8/14/26 9:14

Lab ID:	**26H0787-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 11:59 AGNR

Lab ID:	**26H0787-35**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-36**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06A-G4(3-4)	**Collection Date/Time:**	8/14/26 9:16

Lab ID:	**26H0787-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:01 AGNR

Lab ID:	**26H0787-36**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-37**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06B-G1(0-1)	**Collection Date/Time:**	8/14/26 9:40

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-37**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06B-G1(0-1)	**Collection Date/Time:**	8/14/26 9:40

Lab ID:	**26H0787-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.128**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:02 AGNR

Lab ID:	**26H0787-37**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-38**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06B-G2(1-2)	**Collection Date/Time:**	8/14/26 9:42

Lab ID:	**26H0787-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.165**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:04 AGNR

Lab ID:	**26H0787-38**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-39**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06B-G3(2-3)	**Collection Date/Time:**	8/14/26 9:44

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-39**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06B-G3(2-3)	**Collection Date/Time:**	8/14/26 9:44

Lab ID:	**26H0787-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:05 AGNR

Lab ID:	**26H0787-39**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-40**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06B-G4(3-4)	**Collection Date/Time:**	8/14/26 9:46

Lab ID:	**26H0787-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:07 AGNR

Lab ID:	**26H0787-40**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 20:27	8/19/26 15:07 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-41**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06C--G1(0-1)	**Collection Date/Time:**	8/14/26 9:24

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-41**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06C--G1(0-1)	**Collection Date/Time:**	8/14/26 9:24

Lab ID:	**26H0787-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:08 AGNR

Lab ID:	**26H0787-41**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-42**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06C-G2(1-2)	**Collection Date/Time:**	8/14/26 9:26

Lab ID:	**26H0787-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:25 AGNR

Lab ID:	**26H0787-42**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-43**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06C-G3(2-3)	**Collection Date/Time:**	8/14/26 9:28

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-43**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06C-G3(2-3)	**Collection Date/Time:**	8/14/26 9:28

Lab ID:	**26H0787-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:26 AGNR

Lab ID:	**26H0787-43**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-44**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06C-G4(3-4)	**Collection Date/Time:**	8/14/26 9:30

Lab ID:	**26H0787-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:28 AGNR

Lab ID:	**26H0787-44**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-45**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06D-G1(0-1)	**Collection Date/Time:**	8/14/26 8:54

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-45**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06D-G1(0-1)	**Collection Date/Time:**	8/14/26 8:54

Lab ID:	**26H0787-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	ND		U	0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:29 AGNR

Lab ID:	**26H0787-45**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-46**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06D-G2(1-2)	**Collection Date/Time:**	8/14/26 8:56

Lab ID:	**26H0787-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.422**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:31 AGNR

Lab ID:	**26H0787-46**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-47**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06D-G3(2-3)	**Collection Date/Time:**	8/14/26 8:58

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-47**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06D-G3(2-3)	**Collection Date/Time:**	8/14/26 8:58

Lab ID:	**26H0787-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.858**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:32 AGNR

Lab ID:	**26H0787-47**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Client:	Preferred Env. Services	**Sample ID:**	**26H0787-48**
Client Project:	HD161DPL Gateway Site Improvements-Flatlands Avenue	**Date Received:**	08/14/2026
Client Sample ID:	HD161DPL GSI SP2-06D-G4(3-4)	**Collection Date/Time:**	8/14/26 9:00

Lab ID:	**26H0787-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
Lead	**0.418**			0.113	0.125	1	mg/L	EPA 6010D/1311	8/20/26 9:36	8/21/26 12:42 AGNR

Lab ID:	**26H0787-48**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals	**Sample Notes:**	EXT-Temp

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date By
TCLP Extraction	Completed			1.00	1.00	1	N/A	EPA 1311	8/18/26 18:43	8/19/26 14:59 TAJ

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1311 in Soil		
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 6010D/1311 in Soil		
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2027
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Sample and Data Qualifiers Relating to This Work Order

/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
WTCLP_AMT	Due to sample amount submitted, TCLP preparation was set up with less than the EPA method guidline.

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was anlayzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

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, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 1 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servoes	Company: Preferred Environmental Servoes	Company: Preferred Environmental Servoes		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schofield

Samples Collected By: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02A-G1(0-1)	S	8/14 7:40	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02A-G2(1-2)	S	7:42	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02A-G3(2-3)	S	7:44	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02A-G4(3-4)	S	7:46	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02B-G1(0-1)	S	8:16	TCLP Lead	1 4-oz 6oz
HD161DPL GSI SP2-02B-G2(1-2)	S	8:18	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02B-G3(2-3)	S	8:20	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02B-G4(3-4)	S	8:22	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02C-G1(0-1)	S	7:56	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02C-G2(1-2)	S	7:58	TCLP Lead	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 14:35	58	8/14/26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Terumah V	8-14-26 20:30 / 2.7/2.66 Degrees C

All A/B/C/D samples to be analyzed
All E/F/G/H samples to be held for contingency analysis

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 2 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Esther Schonfeld

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKDP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02C-G3(2-3)	S	8/14 8:00	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02C-G4(3-4)	S	8:02	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G1(0-1)	S	8:32	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G2(1-2)	S	8:34	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G3(2-3)	S	8:36	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02D-G4(3-4)	S	8:38	TCLP Lead	1 4-oz
HD161DPL GSI SP2-02E-G1(0-1)	S	7:48	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02E-G2(1-2)	S	7:50	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02E-G3(2-3)	S	7:52	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02E-G4(3-4)	S	7:54	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35	5.8	8.14.26 12:35		8.14.26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Jeremiah W	8-14-26 20:30 / 2.7/2.6 °C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

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.

Page 3 of 7

YORK Project No.: 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schofield

Samples Collected by: (print your name and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDO Type (circle selections): Summary Report; GR Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02F-G1(0-1)	S	8/14 8:24	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02F-G2(1-2)	S	8:26	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02F-G3(2-3)	S	8:28	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02F-G4(3-4)	S	8:30	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G1(0-1)	S	8:04	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G2(1-2)	S	8:06	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G3(2-3)	S	8:08	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02G-G4(3-4)	S	8:10	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02H-G1(0-1)	S	8:40	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02H-G2(1-2)	S	8:42	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		8:14-26 12:35		8:14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8-14-26 20:30	2.7/2.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 4.7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schonfeld

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package; NJDKGP; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NY ASP B; Standard Excel EDD; (Standard) NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-02H-G3(2-3)	S	8/14 8:44	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-02H-G4(3-4)	S	8:46	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06A-G1(0-1)	S	9:10	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06A-G2(1-2)	S	9:12	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06A-G3(2-3)	S	9:14	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06A-G4(3-4)	S	9:16	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G1(0-1)	S	9:40	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G2(1-2)	S	9:42	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G3(2-3)	S	9:44	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06B-G4(3-4)	S	9:46	TCLP Lead	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		8-14-26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8-14-26 20:30	2.7/2.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

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

Page 5 of 7

YORK Project No. 264087

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Esther Schofield

Samples Collected by: (print your name above and sign here)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-06C-G1(0-1)	S	8/14 9:24	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06C-G2(1-2)	S	9:26	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06C-G3(2-3)	S	9:28	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06C-G4(3-4)	S	9:30	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G1(0-1)	S	8:54	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G2(1-2)	S	8:56	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G3(2-3)	S	8:58	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06D-G4(3-4)	S	9:00	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06E-G1(0-1)	S	9:18	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06E-G2(1-2)	S	9:20	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35	5.8	8.14.26 12:35		8.14.26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received at LAB by / Date/Time	Temp. Received at Lab
				Soumith H 8.14.26 20:30	2.7/2.6 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

page 6 of 7

YORK Project No. 16H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies	Company: Preferred Environmental Servcies		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
			YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100		RUSH - Four Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		Standard (5-7 Day) X
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	

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.

Esther Schofield

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

YORK Reg. Comp.: Compared to the following Regulation(s):

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-06E-G3(2-3)	S	8/14 9:22	TCLP Lead Hold for contingency	1 4-oz
HD161DPL GSI SP2-06E-G4(3-4)	S	9:24	TCLP Lead	1 4-oz
HD161DPL GSI SP2-06F-G1(0-1)	S	9:48	TCLP Lead	1 8-oz
~~HD161DPL GSI SP2-06F-G2(1-2)~~	~~S~~		~~TCLP Lead~~	~~1 4-oz~~
~~HD161DPL GSI SP2-06F-G3(2-3)~~	~~S~~		~~TCLP Lead~~	~~1 4-oz~~
~~HD161DPL GSI SP2-06F-G4(3-4)~~	~~S~~		~~TCLP Lead~~	~~1 4-oz~~
HD161DPL GSI SP2-06G-G1(0-1)	S	8/14 9:32	TCLP Lead	1 4-oz 8oz
HD161DPL GSI SP2-06G-G2(1-2)	S	9:34	TCLP Lead	1 4-oz 4oz
HD161DPL GSI SP2-06G-G3(2-3)	S	9:36	Hold for potential contingency analysis	1 4-oz 8oz
HD161DPL GSI SP2-06G-G4(3-4)	S	9:38	Hold for potential contingency analysis	1 4-oz 8oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		58 8-14-16 12:35		8-14-16
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/16 17:10		8/14/16		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8-14-16 20:30	2.7/2.66 Degrees C

York Analytical Laboratories, Inc.

120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418

clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record

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

Page 7 of 7

YORK Project No. 26H0787

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company: Preferred Environmental Services	Company: Preferred Environmental Services		RUSH - Next Day
Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566	Address: 323 Merrick Avenue, North merrick, NY 11566		RUSH - Two Day
Phone: 516-546-1100	Phone: 516-546-1100	Phone: 516-546-1100	YOUR Project Name: HD161DPL Gateway Site Improvements - Flatlands Avenue	RUSH - Three Day
Contact: Bill Schlageter	Contact: Bill Schlageter	Contact: Bill Schlageter		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	E-mail: bschlageter@preferredenv.com	YOUR PO#:	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below)

Esther Schonfeld

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; Package NJDKQP; CT RCP; CT RCP DQA/DUE; NY ASP B; Standard Excel EDD (Standard NYSDEC EQuIS); NJDEP SRP HazSite; Other

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HD161DPL GSI SP2-06H-G1(0-1)	S	8/14 9:02	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06H-G2(1-2)	S	9:04	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06H-G3(2-3)	S	9:06	Hold for potential contingency analysis	1 4-oz
HD161DPL GSI SP2-06H-G4(3-4)	S	9:08	Hold for potential contingency analysis	1 4-oz

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/14 12:35		8-14-26 12:35		8-14-26
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	8/14/26 17:30		8/14/26		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				8-14-26 20:30	2.7/2.6 Degrees C

Appendix E

Laboratory Analytical Results - Groundwater

NOT APPLICABLE

Appendix F

Published Cleanup Criteria (Soil & Groundwater)

Table 375-6.8(a). Unrestricted use soil cleanup objectives

Table 375-6.8(a). Unrestricted use soil cleanup objectives.

Contaminant	**CAS Number**	**Unrestricted Use**
Metals		
Arsenic	7440-38-2	13 [c]
Barium	7440-39-3	410 [c]
Beryllium	7440-41-7	4.4
Cadmium	7440-43-9	2.5 [c]
Chromium, hexavalent [e]	18540-29-9	1 [b]
Chromium, trivalent [e]	16065-83-1	30 [c]
Copper	7440-50-8	50
Total Cyanide [e, f]		2.3 [c]
Lead	7439-92-1	63 [c]
Manganese	7439-96-5	1600 [c]
Mercury (Total)		0.18 [c]
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9 [c]
Silver	7440-22-4	2
Zinc	7440-66-6	109 [c]
PCBs/Pesticides		
4,4’-DDE	72-55-9	0.0033 [b]
4,4’-DDT	50-29-3	0.0033 [b]
4,4’-DDD	72-54-8	0.0033 [b]

Table 375-6.8(a). Unrestricted use soil cleanup objectives.

Contaminant	**CAS Number**	**Unrestricted Use**
Aldrin	309-00-2	0.0048 [c]
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.021
Chlordane (alpha)	5103-71-9	0.014
delta-BHC [g]	319-86-8	0.04
Dieldrin	60-57-1	0.005 [c]
Endosulfan I [d, f]	959-98-8	4.3
Endosulfan II [d, f]	33213-65-9	4.3
Endosulfan sulfate [d, f]	1031-07-8	4.3
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.013
Lindane	58-89-9	0.025
Polychlorinated biphenyls	1336-36-3	0.1
Semivolatile organic compounds		
1,4 Dioxane	123-91-1	0.1 [b]
Acenaphthene	83-32-9	20
Acenaphthylene [f]	208-96-8	100 [a]
Anthracene [f]	120-12-7	100 [a]
Benz(a)anthracene [f]	56-55-3	1 [c]
Benzo(a)pyrene	50-32-8	1 [c]
Benzo(b)fluoranthene [f]	205-99-2	1 [c]

Table 375-6.8(a). Unrestricted use soil cleanup objectives.

Contaminant	**CAS Number**	**Unrestricted Use**
Benzo(g,h,i)perylene [f]	191-24-2	0.64
Benzo(k)fluoranthene [f]	207-08-9	0.8 [c]
Chrysene [f]	218-01-9	1 [c]
Dibenz(a,h)anthracene [f]	53-70-3	0.33 [b]
Dibenzofuran [f]	132-64-9	2.1
Fluoranthene [f]	206-44-0	85
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene [f]	193-39-5	0.5 [c]
m-Cresol [f]	108-39-4	0.33 [b]
Naphthalene [f]	91-20-3	12
o-Cresol [f]	95-48-7	0.33 [b]
p-Cresol [f]	106-44-5	0.33 [b]
Pentachlorophenol	87-86-5	0.8 [b]
Phenanthrene [f]	85-01-8	1.1 [c]
Phenol	108-95-2	0.33 [b]
Pyrene [f]	129-00-0	64
Volatile organic compounds		
1,1,1-Trichloroethane [f]	71-55-6	0.68
1,1-Dichloroethane [f]	75-34-3	0.27
1,1-Dichloroethene [f]	75-35-4	0.24
1,2-Dichlorobenzene [f]	95-50-1	1.1

Table 375-6.8(a). Unrestricted use soil cleanup objectives.

Contaminant	**CAS Number**	**Unrestricted Use**
1,2-Dichloroethane	107-06-2	0.02 [c]
cis -1,2-Dichloroethene [f]	156-59-2	0.19
trans-1,2-Dichloroethene [f]	156-60-5	0.19
1,3-Dichlorobenzene [f]	541-73-1	2.6
1,4-Dichlorobenzene	106-46-7	1.8
Acetone	67-64-1	0.03
Aniline	62-53-3	0.04
Benzene	71-43-2	0.06
n-Butylbenzene [f]	104-51-8	18
Carbon tetrachloride [f]	56-23-5	0.76
Chlorobenzene	108-90-7	4.5
Chloroform	67-66-3	0.37
Ethylbenzene [f]	100-41-4	1
Hexachlorobenzene [f]	118-74-1	0.33 [b]
Methyl ethyl ketone	78-93-3	0.10
Methyl tert-butyl ether [f]	1634-04-4	0.1
Methylene chloride	75-09-2	0.05
Nitrobenzene	98-95-3	0.08[c]
n – Propylbenzene [f]	103-65-1	5
sec-Butylbenzene [f]	135-98-8	25
tert-Butylbenzene [f]	98-06-6	11

Table 375-6.8(a). Unrestricted use soil cleanup objectives.

Contaminant	**CAS Number**	**Unrestricted Use**
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene [f]	95-63-6	5.9
1,3,5-Trimethylbenzene [f]	108-67-8	3.1
Vinyl chloride [f]	75-01-4	0.03
Xylene (mixed)	1330-20-7	0.26
All soil cleanup objectives are in parts per million (ppm).		

[a.] The soil cleanup objectives for unrestricted use were capped at a maximum value of 100 ppm. See the New York State Department of Environmental Conservation Technical Support Document (2006), section 9.3.
[b.] For constituents where the calculated soil cleanup objective was lower than the contract required quantitation limit, the contract required quantitation limit is used as the Track 1 soil cleanup objective value.
[c.] For constituents where the calculated soil cleanup objective was lower than the rural soil background concentration, the rural soil background concentration is used as the Track 1 soil cleanup objective value for this use of the site. See the New York State Department of Environmental Conservation Technical Support Document (2006), Section 9 and Appendix D.
[d.] The soil cleanup objective is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
[e.] The soil cleanup objective for this specific compound (or family of compounds) is met if the analysis for the total species of this contaminant is below the specific soil cleanup objective.
[f.] Protection of ecological resources soil cleanup objectives were not developed for contaminants identified in Table 375-6.8(b) with “NS”. Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the department to calculate a protection of ecological resources soil cleanup objective according to the New York State Department of Environmental Conservation Technical Support Document (2006).
[g] This soil cleanup objective is derived from data on mixed isomers of BHC.

Table 375-6.8(b). Restricted use soil cleanup objectives.

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		
Metals							
Arsenic	7440-38-2	16 [f]	16 [f]	16 [f]	16 [f]	13 [f]	16 [f]
Barium	7440-39-3	410	410	410	10,000 [d]	433	820
Beryllium	7440-41-7	8.8	43	670	750	10	47
Cadmium	7440-43-9	2.5 [f]	2.5 [f]	3.7	4.4	4	7.5
Chromium, hexavalent [h]	18540-29-9	1 [e]	1 [e]	11	11	20	19
Chromium, trivalent [h]	16065-83-1	30 [f]	110	1,700	2,000	160	NS
Copper	7440-50-8	280	280	280	10,000 [d]	50	1720
Total Cyanide [h]		2.6	13	28	240	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63 [f]	450
Manganese	7439-96-5	2,000 [f]	2,000 [f]	10,000 [d]	10,000 [d]	1600 [f]	2,000 [f]
Mercury (Total)		0.30 [j]	0.30 [j]	1.1 [j]	1.1 [j]	0.18 [f]	0.73
Nickel	7440-02-0	87	320	320	5,900	30	130
Selenium	7782-49-2	22	110	1,700	2,000	3.9 [f]	4 [f]
Silver	7440-22-4	22	110	1,700	2,000	2	8.3
Zinc	7440-66-6	1,300	6,600	10,000 [d]	10,000 [d]	109 [f]	2,480
PCBs/Pesticides							
4,4’-DDE	72-55-9	0.78	3.4	22	22	0.0033 [e]	9.3

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		
4,4'-DDT	50-29-3	0.78	3.8	27	27	0.0033 [e]	135
4,4'- DDD	72-54-8	1.2	5	33	33	0.0033 [e]	14
Aldrin	309-00-2	0.0088	0.044	0.33	0.33	0.14	0.19
alpha-BHC	319-84-6	0.042	0.18	1.2	1.2	0.04 [g]	0.02
beta-BHC	319-85-7	0.042	0.18	1.8	2.9	0.6	0.09
Chlordane (alpha)	5103-71-9	0.14	0.65	8.2	11	1.3	4.5
delta-BHC	319-86-8	100	100 [a]	500 [b]	1,000 [c]	0.04 [g]	0.1
Dieldrin	60-57-1	0.017	0.075	0.48	0.48	0.006	0.1
Endosulfan I	959-98-8	8.4 [i]	35 [i]	360 [i]	580 [i]	NS	65
Endosulfan II	33213-65-9	8.4 [i]	35 [i]	360 [i]	580 [i]	NS	44
Endosulfan sulfate	1031-07-8	8.4 [i]	35 [i]	360 [i]	580 [i]	NS	47 [c]
Endrin	72-20-8	1.2	5.3	55	87	0.014	0.06
Heptachlor	76-44-8	0.12	0.53	5.1	5.1	0.14	0.38
Lindane	58-89-9	0.05	0.21	0.21	3.4	6	0.05
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
1,4-Dioxane	123-91-1	1.4	5.7	36	36	0.1 [e]	0.1 [e]
Acenaphthene	83-32-9	100 [a]	100 [a]	500 [b]	1,000 [c]	20	98

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		
Acenaphthylene	208-96-8	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	365
Anthracene	120-12-7	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	1,000 [c]
Benz(a)anthracene	56-55-3	1 [f]	1.4	37	37	NS	1 [f]
Benzo(a)pyrene	50-32-8	1 [f]	1 [f]	3.7	3.7	2.6	22
Benzo(b)fluoranthene	205-99-2	1 [f]	1.4	37	37	NS	2.1
Benzo(g,h,i)perylene	191-24-2	1.2	4.9	47	78	NS	1,000 [c]
Benzo(k)fluoranthene	207-08-9	1.2	4.9	47	78	NS	2
Chrysene	218-01-9	1.2	4.9	47	78	NS	1 [f]
Dibenz(a,h) anthracene	53-70-3	0.33 [e]	0.33 [e]	3.7	3.7	NS	1,000 [c]
Dibenzofuran	132-64-9	4.2	18	180	290	NS	110
Fluoranthene	206-44-0	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	1,000 [c]
Fluorene	86-73-7	100 [a]	100 [a]	500 [b]	1,000 [c]	30	386
Indeno(1,2,3-cd) pyrene	193-39-5	0.5 [f]	1.4	37	37	NS	6.6
m-Cresol	108-39-4	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	0.33 [e]
Naphthalene	91-20-3	84 [a]	100 [a]	500 [b]	1,000 [c]	NS	12
o-Cresol	95-48-7	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	0.33 [e]
p-Cresol	106-44-5	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	0.33 [e]
Pentachlorophenol	87-86-5	0.8 [e]	1.3	6.9	7	0.8 [e]	0.8 [e]

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	1.2	4.9	47	78	NS	1,000 [c]
Phenol	108-95-2	100 [a]	100 [a]	500 [b]	1,000 [c]	30	0.33 [e]
Pyrene	129-00-0	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	1,000 [c]
Volatiles							
1,1,1-Trichloroethane	71-55-6	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	47	240	240	NS	0.27
1,1-Dichloroethene	75-35-4	0.41	0.98	5.1	5.1	NS	0.33
1,2-Dichlorobenzene	95-50-1	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.4	5.8	30	30	10	0.02
cis-1,2-Dichloroethene	156-59-2	8.7	41	500 [b]	590	NS	0.19
trans-1,2-Dichloroethene	156-60-5	75	100 [a]	500 [b]	1,000 [c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	11	38	280	280	NS	2.6
1,4-Dichlorobenzene	106-46-7	10	24	130	130	20	1.8
Acetone	67-64-1	100 [a]	100 [b]	500 [b]	1,000 [c]	2.2	0.03
Aniline	62-53-3	6.7	8.1	36	36	32	0.04
Benzene	71-43-2	1.2	3.7	20	20	70	0.06
n-Butylbenzene	104-51-8	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	18
Carbon tetrachloride	56-23-5	1.9	7.1	41	41	NS	0.76

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**		
Chlorobenzene	108-90-7	73	100 [a]	500 [b]	1,000 [c]	40	4.5
Chloroform	67-66-3	4.8	24	180	180	12	0.37
Ethylbenzene	100-41-4	32	76	390	390	NS	1
Hexachlorobenzene	118-74-1	0.33 [e]	0.33 [e]	1.8	2.9	NS	3.2
Methyl ethyl ketone	78-93-3	100 [a]	100 [a]	500 [b]	1,000 [c]	100 [a]	0.10
Methyl tert-butyl ether	1634-04-4	40	100 [a]	500 [b]	890	NS	0.1
Methylene chloride	75-09-2	17	81	500 [b]	1,000 [c]	12	0.05
Nitrobenzene	98-95-3	0.77	1.8	8.9	8.9	2	0.08[f]
n-Propylbenzene	103-65-1	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	5
sec-Butylbenzene	135-98-8	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	25
tert-Butylbenzene	98-06-6	100 [a]	100 [a]	500 [b]	1,000 [c]	NS	11
Tetrachloroethene	127-18-4	15	18	81	81	2	1.3
Toluene	108-88-3	100 [a]	100 [a]	500 [b]	1,000 [c]	36	0.7
Trichloroethene	79-01-6	1.7	6.4	54	54	2	0.47
1,2,4-Trimethylbenzene	95-63-6	41	100 [a]	500 [b]	1,000 [c]	NS	5.9
1,3,5-Trimethylbenzene	108-67-8	41	100 [a]	500 [b]	1,000 [c]	NS	3.1
Vinyl chloride	75-01-4	0.099	0.48	7.1	7.1	NS	0.03
Xylene (mixed)	1330-20-7	100 [a]	100 [a]	500 [b]	1,000 [c]	0.26	1.2

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		
All soil cleanup objectives are in parts per million (ppm).							
NS = Not specified. See New York State Department of Environmental Conservation Technical Support Document (2006).							

[a.] The soil cleanup objectives for residential, restricted-residential, and ecological resources use were capped at a maximum value of 100 ppm. See New York State Department of Environmental Conservation Technical Support Document (2006) section 9.3.
[b.] The soil cleanup objectives for commercial use were capped at a maximum value of 500 ppm. See New York State Department of Environmental Conservation Technical Support Document (2006) section 9.3.
[c.] The soil cleanup objectives for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See New York State Department of Environmental Conservation Technical Support Document (2006) section 9.3.
[d.] The soil cleanup objectives for metals were capped at a maximum value of 10,000 ppm. See New York State Department of Environmental Conservation Technical Support Document (2006) section 9.3.
[e.] For constituents where the calculated soil cleanup objective was lower than the contract required quantitation limit, the contract required quantitation limit is used as the soil cleanup objective value.
[f.] For constituents where the calculated soil cleanup objective was lower than the rural soil background concentration, the rural soil background concentration is used as the Track 2 soil cleanup objective value for this use of the site. See the New York State Department of Environmental Conservation Technical Support Document (2006), Section 9 and Appendix D.
[g.] This soil cleanup objective is derived from data on mixed isomers of BHC.
[h.] The soil cleanup objective for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific soil cleanup objective.
[i.] This soil cleanup objective is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
[j.] Protection of public health soil cleanup objectives for total mercury are based on either the rural soil background concentration for total mercury (0.3 ppm or 0.18 ppm for habitat) or the most toxic mercury form that may be present in soil samples. If total mercury is found in soil

(d) The person responsible for conducting the remediation shall not use the proposed alternative remediation standard if that person does not correct a deficiency noted by the Department pursuant to N.J.A.C. 7:26D-8.4(c)2.

7:26D-8.5 Process for the development of alternative remediation standards not requiring prior approval by the Department

(a) When the person responsible for conducting the remediation is not required to obtain prior approval from the Department for the implementation of an alternative remediation standard developed pursuant to this subchapter, the person responsible shall:

1. For each proposed alternative remediation standard, collect the information indicated for each applicable exposure pathway as described at N.J.A.C. 7:26D Appendices 6, 7, 8, and 9, incorporated herein by reference; and

2. Submit to the Department the information described in (a)1 above with the applicable remedial phase report or workplan pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E.

APPENDIX 1

REMEDIATION STANDARDS TABLES

Table 1 – Soil Remediation Standards for the Ingestion-Dermal Exposure Pathway -

Residential (mg/kg) (All numeric values are rounded to two significant figures)

Contaminant	CAS No.	Residential Carcinogenic Ingestion-Dermal Human Health-based Criterion	Residential Noncarcinogenic Ingestion-Dermal Human Health-based Criterion	Reporting Limit	Soil Remediation Standard Ingestion-Dermal Residential
Acenaphthene	83-32-9	NA	3,600	0.17	3,600
Acetone (2-Propanone)	67-64-1	NA	70,000	0.010	70,000
Acetophenone	98-86-2	NA	7,800	0.33	7,800
Aldrin	309-00-2	0.041	2.3	0.0017	0.041
Aluminum (total)	7429-90-5	NA	78,000	20	78,000
Anthracene	120-12-7	NA	18,000	0.17	18,000
Antimony (total)	7440-36-0	NA	31	1.0	31
Arsenic (total)	7440-38-2	0.43	22	0.50	19[1]
Atrazine	1912-24-9	NA	220	0.33	220
Barium (total)	7440-39-3	NA	16,000	5.0	16,000
Benzaldehyde	100-52-7	170	7,800	0.33	170
Benzene	71-43-2	3.0	310	0.0050	3.0
Benzo(a)anthracene (1,2-Benzanthracene)	56-55-3	5.1	NA	0.17	5.1
Benzo(a)pyrene	50-32-8	0.51	18	0.17	0.51
Benzo(b)fluoranthene (3,4-Benzofluoranthene)	205-99-2	5.1	NA	0.17	5.1
Benzo(k)fluoranthene	207-08-9	51	NA	0.17	51
Beryllium	7440-41-7	NA	160	0.50	160
1,1'-Biphenyl	92-52-4	87	39,000	0.17	87
Bis(2-chloroethoxy)methane	111-91-1	NA	190	0.17	190
Bis(2-chloroethyl)ether	111-44-4	0.63	NA	0.33	0.63
Bis(2-ethylhexyl)phthalate	117-81-7	39	1,300	0.17	39
Bromodichloromethane (Dichlorobromomethane)	75-27-4	11	1,600	0.0050	11
Bromoform	75-25-2	88	1,600	0.0050	88
Bromomethane (Methyl bromide)	74-83-9	NA	110	0.0050	110
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	NA	47,000	0.010	47,000
Butylbenzyl phthalate	85-68-7	290	13,000	0.17	290
Cadmium	7440-43-9	NA	71	0.50	71
Caprolactam	105-60-2	NA	32,000	0.33	32,000
Carbon disulfide	75-15-0	NA	NA	0.0050	NA
Carbon tetrachloride	56-23-5	7.6	310	0.0050	7.6

Chlordane (alpha and gamma forms summed)	57-74-9	0.27	36	0.0017	0.27
4-Chloroaniline	106-47-8	2.7	250	0.17	2.7
Chlorobenzene	108-90-7	NA	510	0.0050	510
Chloroethane (Ethyl chloride)	75-00-3	NA	NA	0.0050	NA
Chloroform	67-66-3	NA	780	0.0050	780
Chloromethane (Methyl chloride)	74-87-3	NA	NA	0.0050	NA
2-Chloronaphthalene	91-58-7	NA	4,800	0.17	4,800
2-Chlorophenol (o-Chlorophenol)	95-57-8	NA	390	0.17	390
Chrysene	218-01-9	510	NA	0.17	510
Cobalt (total)	7440-48-4	NA	23	0.50	23
Copper (total)	7440-50-8	NA	3,100	1.0	3,100
Cyanide	57-12-5	NA	47	0.50	47
Cyclohexane	110-82-7	NA	NA	0.0050	NA
4,4'-DDD (p,p'-TDE)	72-54-8	2.3	NA	0.0033	2.3
4,4'-DDE (p,p'-DDX)	72-55-9	2.0	NA	0.0033	2.0
4,4'-DDT	50-29-3	1.9	37	0.0033	1.9
Dibenz(a,h)anthracene	53-70-3	0.51	NA	0.17	0.51
Dibromochloromethane (Chlorodibromomethane)	124-48-1	8.3	1,600	0.0050	8.3
1,2-Dibromo-3-chloropropane	96-12-8	0.87	16	0.0050	0.87
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.35	700	0.0050	0.35
1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	NA	6,700	0.0050	6,700
1,3-Dichlorobenzene (m-Dichlorobenzene)	541-73-1	NA	6,700	0.0050	6,700
1,4-Dichlorobenzene (p-Dichlorobenzene)	106-46-7	NA	780	0.0050	780
3,3'-Dichlorobenzidine	91-94-1	1.2	NA	0.33	1.2
Dichlorodifluoromethane (Freon 12)	75-71-8	NA	16,000	0.0050	16,000
1,1-Dichloroethane	75-34-3	120	16,000	0.0050	120
1,2-Dichloroethane	107-06-2	5.8	NA	0.0050	5.8
1,1-Dichloroethene (1,1-Dichloroethylene)	75-35-4	NA	11	0.0050	11
1,2-Dichloroethene (cis) (c-1,2-Dichloroethylene)	156-59-2	NA	780	0.0050	780

1,2-Dichloroethene (trans) (t-1,2-Dichloroethylene)	156-60-5	NA	1,300	0.0050	1,300
2,4-Dichlorophenol	120-83-2	NA	190	0.17	190
1,2-Dichloropropane	78-87-5	19	3,100	0.0050	19
1,3-Dichloropropene (total)	542-75-6	7.0	2,300	0.0050	7.0
Dieldrin	60-57-1	0.034	3.2	0.0033	0.034
Diethylphthalate	84-66-2	NA	51,000	0.17	51,000
2,4-Dimethylphenol	105-67-9	NA	1,300	0.17	1,300
Di-n-butyl phthalate	84-74-2	NA	6,300	0.17	6,300
2,4-Dinitrophenol	51-28-5	NA	130	0.33	130
2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25321-14-6	0.80	NA	0.17	0.80
Di-n-octyl phthalate	117-84-0	NA	630	0.33	630
1,4-Dioxane	123-91-1	7.0	2,300	0.067	7.0
Endosulfan I and Endosulfan II (alpha and beta) (summed)	115-29-7	NA	470	0.0033	470
Endrin	72-20-8	NA	19	0.0033	19
Ethylbenzene	100-41-4	NA	7,800	0.0050	7,800
Extractable Petroleum Hydrocarbons (Category 1)	various	NA	5,300[3]	80	5,300[3]
Extractable Petroleum Hydrocarbons (Category 2)	various	NA	Sample-specific[4]	80	Sample-specific[4]
Fluoranthene	206-44-0	NA	2,400	0.33	2,400
Fluorene	86-73-7	NA	2,400	0.17	2,400
alpha-HCH (alpha-BHC)	319-84-6	0.086	510	0.0017	0.086
beta-HCH (beta-BHC)	319-85-7	0.30	NA	0.0017	0.30
Heptachlor	76-44-8	0.15	39	0.0017	0.15
Heptachlor epoxide	1024-57-3	0.076	1.0	0.0017	0.076
Hexachlorobenzene	118-74-1	0.43	63	0.17	0.43
Hexachloro-1,3-butadiene	87-68-3	8.9	78	0.17	8.9
Hexachlorocyclopentadiene	77-47-4	NA	470	0.33	470
Hexachloroethane	67-72-1	17	55	0.17	17
n-Hexane	110-54-3	NA	NA	-[7]	NA
2-Hexanone	591-78-6	NA	390	0.010	390
Indeno(1,2,3-cd)pyrene	193-39-5	5.1	NA	0.17	5.1
Isophorone	78-59-1	570	13,000	0.17	570
Isopropylbenzene	98-82-8	NA	7,800	0.0050	7,800
Lead (total)	7439-92-1	NA	NA	0.50	200[5]
Lindane (gamma-HCH)(gamma-BHC)	58-89-9	0.57	21	0.0017	0.57
Manganese (total)	7439-96-5	NA	1,900	0.50	1,900
Mercury (total)	7439-97-6	NA	23	0.10	23

Methoxychlor	72-43-5	NA	320	0.017	320
Methyl acetate	79-20-9	NA	78,000	0.0050	78,000
Methylene chloride (Dichloromethane)	75-09-2	50	470	0.0050	50
2-Methylnaphthalene	91-57-6	NA	240	0.17	240
4-Methyl-2-pentanone (MIBK)	108-10-1	NA	NA	0.010	NA
2-Methylphenol (o-cresol)	95-48-7	NA	320	0.33	320
4-Methylphenol (p-cresol)	106-44-5	NA	630	0.33	630
Methyl tert-butyl ether (MTBE)	1634-04-4	NA	780	0.0050	780
Naphthalene	91-20-3	NA	2,500	0.17	2,500
Nickel (total)	7440-02-0	NA	1,600	0.50	1,600
4-Nitroaniline	100-01-6	27	250	0.33	27
Nitrobenzene	98-95-3	NA	160	0.17	160
N-Nitrosodi-n-propylamine	621-64-7	0.078	NA	0.17	0.17[2]
N-Nitrosodiphenylamine	86-30-6	110	NA	0.17	110
2,2'-oxybis (1-chloropropane)	108-60-1	NA	3,100	0.33	3,100
Pentachlorophenol	87-86-5	1.0	250	0.33	1.0
Phenol	108-95-2	NA	19,000	0.33	19,000
Polychlorinated biphenyls (PCBs)	1336-36-3	0.25	NA	0.030	0.25
Pyrene	129-00-0	NA	1,800	0.17	1,800
Selenium (total)	7782-49-2	NA	390	2.5	390
Silver (total)	7440-22-4	NA	390	0.50	390
Styrene	100-42-5	NA	16,000	0.0050	16,000
Tertiary butyl alcohol (TBA)	75-65-0	NA	1,400	0.10	1,400
1,2,4,5-Tetrachlorobenzene	95-94-3	NA	23	0.17	23
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	NA	0.000051	0.0000010	0.000051[6]
1,1,2,2-Tetrachloroethane	79-34-5	3.5	1,600	0.0050	3.5
Tetrachloroethene (PCE) (Tetrachloroethylene)	127-18-4	330	470	0.0050	330
2,3,4,6-Tetrachlorophenol	58-90-2	NA	1,900	0.17	1,900
Toluene	108-88-3	NA	6,300	0.0050	6,300
Toxaphene	8001-35-2	0.49	NA	0.17	0.49
1,2,4-Trichlorobenzene	120-82-1	NA	780	0.0050	780
1,1,1-Trichloroethane	71-55-6	NA	160,000	0.0050	160,000
1,1,2-Trichloroethane	79-00-5	12	310	0.0050	12
Trichloroethene (TCE) (Trichloroethylene)	79-01-6	15	39	0.0050	15
Trichlorofluoromethane (Freon 11)	75-69-4	NA	23,000	0.0050	23,000
2,4,5-Trichlorophenol	95-95-4	NA	6,300	0.20	6,300

2,4,6-Trichlorophenol	88-06-2	49	63	0.20	49
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	76-13-1	NA	NA	0.0050	NA
1,2,4-Trimethylbenzene	95-63-6	NA	780	0.076	780
Vanadium (total)	7440-62-2	NA	390	2.5	390
Vinyl chloride	75-01-4	0.97	230	0.0050	0.97
Xylenes (total)	1330-20-7	NA	12,000	0.0050	12,000
Zinc (total)	7440-66-6	NA	23,000	1.0	23,000

NA – Not applicable because appropriate toxicological information is not available

[1] Standard is based on natural background

[2] Standard set at reporting limit

[3] Special calculation for EPH – see at N.J.A.C. 7:26D Appendix 2

[4] Sample-specific calculation using EPH calculator – see at N.J.A.C. 7:26D Appendix 2

[5] Standard based on the Integrated Exposure Uptake Biokinetic (IEUBK) model for lead in children

[6] This standard is used for comparison to site soil data that have been converted to sample-specific TCDD-TEQ values through application of the Toxicity Equivalence Factor Methodology (USEPA 2010) and using the WHO 2005 Mammalian Toxic Equivalency Factors (TEFs)

[7] Although n-Hexane does not have a specific reporting limit, quantification is required to be less than the applicable remediation standard

Table 2 – Soil Remediation Standards for the Ingestion-Dermal Exposure Pathway -

THIS IS A COURTESY COPY OF THIS RULE. ALL OF THE DEPARTMENT'S RULES ARE COMPILED IN TITLE 7 OF THE NEW JERSEY ADMINISTRATIVE CODE

Nonresidential (mg/kg) (All numeric values are rounded to two significant figures)

Contaminant	CAS No.	Nonresidential Carcinogenic Ingestion-Dermal Human Health-based Criterion	Nonresidential Noncarcinogenic Ingestion-Dermal Human Health-based Criterion	Reporting Limit	Soil Remediation Standard Ingestion-Dermal Nonresidential
Acenaphthene	83-32-9	NA	50,000	0.17	50,000
Acetone (2-Propanone)	67-64-1	NA	1,200,000	0.010	NA[1]
Acetophenone	98-86-2	NA	130,000	0.33	130,000
Aldrin	309-00-2	0.21	39	0.0017	0.21
Aluminum (total)	7429-90-5	NA	1,300,000	20	NA[1]
Anthracene	120-12-7	NA	250,000	0.17	250,000
Antimony (total)	7440-36-0	NA	520	1.0	520
Arsenic (total)	7440-38-2	2.1	350	0.50	19[2]
Atrazine	1912-24-9	NA	3,200	0.33	3,200
Barium (total)	7440-39-3	NA	260,000	5.0	260,000
Benzaldehyde	100-52-7	910	130,000	0.33	910
Benzene	71-43-2	16	5,200	0.0050	16
Benzo(a)anthracene (1,2-Benzanthracene)	56-55-3	23	250	0.17	23
Benzo(a)pyrene	50-32-8	2.3	250	0.17	2.3
Benzo(b)fluoranthene (3,4-Benzofluoranthene)	205-99-2	23	NA	0.17	23
Benzo(k)fluoranthene	207-08-9	230	NA	0.17	230
Beryllium	7440-41-7	NA	2,600	0.50	2,600
1,1'-Biphenyl	92-52-4	450	650,000	0.17	450
Bis(2-chloroethoxy)methane	111-91-1	NA	2,700	0.17	2,700
Bis(2-chloroethyl)ether	111-44-4	3.3	NA	0.33	3.3
Bis(2-ethylhexyl)phthalate	117-81-7	180	18,000	0.17	180
Bromodichloromethane (Dichlorobromomethane)	75-27-4	59	26,000	0.0050	59
Bromoform	75-25-2	460	26,000	0.0050	460
Bromomethane (Methyl bromide)	74-83-9	NA	1,800	0.0050	1,800
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	NA	780,000	0.010	780,000
Butylbenzyl phthalate	85-68-7	1,300	180,000	0.17	1,300
Cadmium	7440-43-9	NA	1,100	0.50	1,100
Caprolactam	105-60-2	NA	460,000	0.33	460,000
Carbon disulfide	75-15-0	NA	NA	0.0050	NA
Carbon tetrachloride	56-23-5	40	5,200	0.0050	40

Chlordane (alpha and gamma forms summed)	57-74-9	1.4	550	0.0017	1.4
4-Chloroaniline	106-47-8	13	3,600	0.17	13
Chlorobenzene	108-90-7	NA	8,400	0.0050	8,400
Chloroethane (Ethyl chloride)	75-00-3	NA	NA	0.0050	NA
Chloroform	67-66-3	NA	13,000	0.0050	13,000
Chloromethane (Methyl chloride)	74-87-3	NA	NA	0.0050	NA
2-Chloronaphthalene	91-58-7	NA	67,000	0.17	67,000
2-Chlorophenol (o-Chlorophenol)	95-57-8	NA	6,500	0.17	6,500
Chrysene	218-01-9	2,300	NA	0.17	2,300
Cobalt (total)	7440-48-4	NA	390	0.50	390
Copper (total)	7440-50-8	NA	52,000	1.0	52,000
Cyanide	57-12-5	NA	780	0.50	780
Cyclohexane	110-82-7	NA	NA	0.0050	NA
4,4'-DDD (p,p'-TDE)	72-54-8	11	NA	0.0033	11
4,4'-DDE (p,p'-DDX)	72-55-9	11	NA	0.0033	11
4,4'-DDT	50-29-3	9.5	580	0.0033	9.5
Dibenz(a,h)anthracene	53-70-3	2.3	NA	0.17	2.3
Dibromochloromethane (Chlorodibromomethane)	124-48-1	43	26,000	0.0050	43
1,2-Dibromo-3-chloropropane	96-12-8	4.5	260	0.0050	4.5
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	1.8	12,000	0.0050	1.8
1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	NA	110,000	0.0050	110,000
1,3-Dichlorobenzene (m-Dichlorobenzene)	541-73-1	NA	110,000	0.0050	110,000
1,4-Dichlorobenzene (p-Dichlorobenzene)	106-46-7	NA	13,000	0.0050	13,000
3,3'-Dichlorobenzidine	91-94-1	5.7	NA	0.33	5.7
Dichlorodifluoromethane (Freon 12)	75-71-8	NA	260,000	0.0050	260,000
1,1-Dichloroethane	75-34-3	640	260,000	0.0050	640
1,2-Dichloroethane	107-06-2	30	NA	0.0050	30
1,1-Dichloroethene (1,1-Dichloroethylene)	75-35-4	NA	180	0.0050	180
1,2-Dichloroethene (cis) (c-1,2-Dichloroethylene)	156-59-2	NA	13,000	0.0050	13,000

1,2-Dichloroethene (trans) (t-1,2-Dichloroethylene)	156-60-5	NA	22,000	0.0050	22,000
2,4-Dichlorophenol	120-83-2	NA	2,700	0.17	2,700
1,2-Dichloropropane	78-87-5	98	52,000	0.0050	98
1,3-Dichloropropene (total)	542-75-6	36	39,000	0.0050	36
Dieldrin	60-57-1	0.16	46	0.0033	0.16
Diethylphthalate	84-66-2	NA	730,000	0.17	730,000
2,4-Dimethylphenol	105-67-9	NA	18,000	0.17	18,000
Di-n-butyl phthalate	84-74-2	NA	91,000	0.17	91,000
2,4-Dinitrophenol	51-28-5	NA	1,800	0.33	1,800
2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25321-14-6	3.8	NA	0.17	3.8
Di-n-octyl phthalate	117-84-0	NA	9,100	0.33	9,100
1,4-Dioxane	123-91-1	36	39,000	0.067	36
Endosulfan I and Endosulfan II (alpha and beta) (summed)	115-29-7	NA	7,800	0.0033	7,800
Endrin	72-20-8	NA	270	0.0033	270
Ethylbenzene	100-41-4	NA	130,000	0.0050	130,000
Extractable Petroleum Hydrocarbons (Category 1)	various	NA	75,000[3]	80	75,000[3]
Extractable Petroleum Hydrocarbons (Category 2)	various	NA	Sample-specific[4]	80	Sample-specific[4]
Fluoranthene	206-44-0	NA	33,000	0.33	33,000
Fluorene	86-73-7	NA	33,000	0.17	33,000
alpha-HCH (alpha-BHC)	319-84-6	0.41	7,300	0.0017	0.41
beta-HCH (beta-BHC)	319-85-7	1.4	NA	0.0017	1.4
Heptachlor	76-44-8	0.81	650	0.0017	0.81
Heptachlor epoxide	1024-57-3	0.40	17	0.0017	0.40
Hexachlorobenzene	118-74-1	2.3	1,000	0.17	2.3
Hexachloro-1,3-butadiene	87-68-3	47	1,300	0.17	47
Hexachlorocyclopentadiene	77-47-4	NA	7,800	0.33	7,800
Hexachloroethane	67-72-1	91	910	0.17	91
n-Hexane	110-54-3	NA	NA	-[7]	NA
2-Hexanone	591-78-6	NA	6,500	0.010	6,500
Indeno(1,2,3-cd)pyrene	193-39-5	23	NA	0.17	23
Isophorone	78-59-1	2,700	180,000	0.17	2,700
Isopropylbenzene	98-82-8	NA	130,000	0.0050	130,000
Lead (total)	7439-92-1	NA	NA	0.5	800[5]
Lindane (gamma-HCH)(gamma-BHC)	58-89-9	2.8	330	0.0017	2.8
Manganese (total)	7439-96-5	NA	31,000	0.50	31,000
Mercury (total)	7439-97-6	NA	390	0.10	390

Methoxychlor	72-43-5	NA	4,600	0.017	4,600
Methyl acetate	79-20-9	NA	1,300,000	0.0050	NA[1]
Methylene chloride (Dichloromethane)	75-09-2	260	7,800	0.0050	260
2-Methylnaphthalene	91-57-6	NA	3,300	0.17	3,300
4-Methyl-2-pentanone (MIBK)	108-10-1	NA	NA	0.010	NA
2-Methylphenol (o-cresol)	95-48-7	NA	4,600	0.33	4,600
4-Methylphenol (p-cresol)	106-44-5	NA	9,100	0.33	9,100
Methyl tert-butyl ether (MTBE)	1634-04-4	NA	13,000	0.0050	13,000
Naphthalene	91-20-3	NA	34,000	0.17	34,000
Nickel (total)	7440-02-0	NA	26,000	0.50	26,000
4-Nitroaniline	100-01-6	130	3,600	0.33	130
Nitrobenzene	98-95-3	NA	2,600	0.17	2,600
N-Nitrosodi-n-propylamine	621-64-7	0.36	NA	0.17	0.36
N-Nitrosodiphenylamine	86-30-6	520	NA	0.17	520
2,2'-oxybis(1-chloropropane)	108-60-1	NA	52,000	0.33	52,000
Pentachlorophenol	87-86-5	4.4	3,200	0.33	4.4
Phenol	108-95-2	NA	270,000	0.33	270,000
Polychlorinated biphenyls (PCBs)	1336-36-3	1.1	NA	0.030	1.1
Pyrene	129-00-0	NA	25,000	0.17	25,000
Selenium (total)	7782-49-2	NA	6,500	2.5	6,500
Silver (total)	7440-22-4	NA	6,500	0.50	6,500
Styrene	100-42-5	NA	260,000	0.0050	260,000
Tertiary butyl alcohol (TBA)	75-65-0	NA	23,000	0.10	23,000
1,2,4,5-Tetrachlorobenzene	95-94-3	NA	390	0.17	390
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	NA	0.00081	0.0000010	0.00081[6]
1,1,2,2-Tetrachloroethane	79-34-5	18	26,000	0.0050	18
Tetrachloroethene (PCE) (Tetrachloroethylene)	127-18-4	1,700	7,800	0.0050	1,700
2,3,4,6-Tetrachlorophenol	58-90-2	NA	27,000	0.17	27,000
Toluene	108-88-3	NA	100,000	0.0050	100,000
Toxaphene	8001-35-2	2.3	NA	0.17	2.3
1,2,4-Trichlorobenzene	120-82-1	NA	13,000	0.0050	13,000
1,1,1-Trichloroethane	71-55-6	NA	2,600,000	0.0050	NA[1]
1,1,2-Trichloroethane	79-00-5	64	5,200	0.0050	64
Trichloroethene (TCE) (Trichloroethylene)	79-01-6	79	650	0.0050	79
Trichlorofluoromethane (Freon 11)	75-69-4	NA	390,000	0.0050	390,000
2,4,5-Trichlorophenol	95-95-4	NA	91,000	0.20	91,000

2,4,6-Trichlorophenol	88-06-2	230	910	0.20	230
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	76-13-1	NA	NA	0.0050	NA
1,2,4-Trimethylbenzene	95-63-6	NA	13,000	0.076	13,000
Vanadium (total)	7440-62-2	NA	6,500	2.5	6,500
Vinyl chloride	75-01-4	5.0	3,900	0.0050	5.0
Xylenes (total)	1330-20-7	NA	190,000	0.0050	190,000
Zinc (total)	7440-66-6	NA	390,000	1.0	390,000

NA – Not applicable because appropriate toxicological information is not available

[1] Standard not applicable because calculated health-based criterion exceeds one million mg/kg

[2] Standard is based on natural background

[3] Special calculation for EPH– see N.J.A.C. 7:26D Appendix 2

[4] Sample-specific calculation using EPH calculator – see N.J.A.C. 7:26D Appendix 2

[5] Standard based on the Adult Lead Model (ALM)

[6] This standard is used for comparison to site soil data that have been converted to sample-specific TCDD-TEQ values through application of the Toxicity Equivalence Factor Methodology (USEPA 2010) and using the WHO 2005 Mammalian Toxic Equivalency Factors (TEFs)

[7] Although n-Hexane does not have a specific reporting limit, quantification is required to be less than the applicable remediation standard

Table 3 – Soil Remediation Standards for the Inhalation Exposure Pathway – Residential (mg/kg) (All numeric values are rounded to two significant figures)

Contaminant	CAS No.	Carcinogenic Inhalation Human Health-based Criterion	Noncarcinogenic Inhalation Human Health-based Criterion	Soil Saturation Limit	Reporting Limit	Soil Remediation Standard Inhalation Residential

Acenaphthene	83-32-9	NA[1]	NA[1]	40	0.17	NA[1]
Acetone (2-Propanone)	67-64-1	NA[1]	NA[1]	160,000	0.010	NA[1]
Acetophenone	98-86-2	NA[1]	NA[1]	1,600	0.33	NA[1]
Aldrin	309-00-2	NA[1]	NA[1]	2.8	0.0017	NA[1]
Aluminum (total)	7429-90-5	NA[1]	NA[2]	NA	20	NA[2]
Anthracene	120-12-7	NA[1]	NA[1]	1.4	0.17	NA[1]
Antimony (total)	7440-36-0	NA[1]	NA[1]	NA	1.0	NA[1]
Arsenic (total)	7440-38-2	1,100	NA[1]	NA	0.50	1,100
Atrazine	1912-24-9	NA[1]	NA[1]	21	0.33	NA[1]
Barium (total)	7440-39-3	NA[1]	870,000	NA	5.0	870,000
Benzaldehyde	100-52-7	NA[1]	NA[1]	1,200	0.33	NA[1]
Benzene	71-43-2	2.2	190	850	0.0050	2.2
Benzo(a)anthracene (1,2-Benzanthracene)	56-55-3	78,000[4]	NA[1]	3.3	0.17	78,000[4]
Benzo(a)pyrene	50-32-8	7,800[4]	3,500[4]	1.9	0.17	3,500[4]
Benzo(b)fluoranthene (3,4-Benzofluoranthene)	205-99-2	78,000[4]	NA[1]	1.8	0.17	78,000[4]
Benzo(k)fluoranthene	207-08-9	780,000[4]	NA[1]	0.94	0.17	780,000[4]
Beryllium	7440-41-7	2,000	35,000	NA	0.50	2,000
1,1'-Biphenyl	92-52-4	NA[1]	NA[1]	78	0.17	NA[1]
Bis(2-chloroethoxy)methane	111-91-1	NA[1]	NA[1]	1,400	0.17	NA[1]
Bis(2-chloroethyl)ether	111-44-4	NA[1]	NA[1]	3,700	0.33	NA[1]
Bis(2-ethylhexyl)phthalate	117-81-7	NA[1]	NA[1]	65	0.17	NA[1]
Bromodichloromethane (Dichlorobromomethane)	75-27-4	NA[1]	NA[1]	690	0.0050	NA[1]
Bromoform	75-25-2	NA[1]	NA[1]	680	0.0050	NA[1]
Bromomethane (Methyl bromide)	74-83-9	NA[1]	18	3,300	0.0050	18
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	NA[1]	NA[2,3]	36,000	0.010	NA[2,3]
Butylbenzyl phthalate	85-68-7	NA[1]	NA[1]	39	0.17	NA[1]
Cadmium	7440-43-9	2,600	17,000	NA	0.50	2,600
Caprolactam	105-60-2	NA[1]	290	160,000	0.33	290
Carbon disulfide	75-15-0	NA[1]	NA[2,3]	580	0.0050	NA[2,3]
Carbon tetrachloride	56-23-5	1.4	NA[2,3]	300	0.0050	1.4
Chlordane (alpha and gamma forms summed)	57-74-9	NA[1]	NA[2,3]	7.6	0.0017	NA[2,3]
4-Chloroaniline	106-47-8	NA[1]	NA[1]	1,500	0.17	NA[1]
Chlorobenzene	108-90-7	NA[1]	NA[2,3]	320	0.0050	NA[2,3]
Chloroethane (Ethyl chloride)	75-00-3	NA[1]	NA[2,3]	1,700	0.0050	NA[2,3]
Chloroform	67-66-3	NA[1]	590	1,900	0.0050	590
Chloromethane (Methyl chloride)	74-87-3	NA[1]	270	1,200	0.0050	270

2-Chloronaphthalene	91-58-7	NA[1]	NA[1]	60	0.17	NA[1]
2-Chlorophenol (o-Chlorophenol)	95-57-8	NA[1]	NA[1]	11,000	0.17	NA[1]
Chrysene	218-01-9	NA[2,3]	NA[1]	0.72	0.17	NA[2,3]
Cobalt (total)	7440-48-4	520	10,000	NA	0.50	520
Copper (total)	7440-50-8	NA[1]	NA[1]	NA	1.0	NA[1]
Cyanide	57-12-5	NA[1]	NA[2]	NA	0.50	NA[2]
Cyclohexane	110-82-7	NA[1]	NA[2,3]	65	0.0050	NA[2,3]
4,4'-DDD (p,p'-TDE)	72-54-8	NA[1]	NA[1]	21	0.0033	NA[1]
4,4'-DDE (p,p'-DDX)	72-55-9	NA[1]	NA[1]	9.4	0.0033	NA[1]
4,4'-DDT	50-29-3	NA[1]	NA[1]	1.9	0.0033	NA[1]
Dibenz(a,h)anthracene	53-70-3	7,800[4]	NA[1]	9.5	0.17	7,800[4]
Dibromochloromethane (Chlorodibromomethane)	124-48-1	NA[1]	NA[1]	600	0.0050	NA[1]
1,2-Dibromo-3-chloropropane	96-12-8	0.026	11	470	0.0050	0.026
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.085	170	920	0.0050	0.085
1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	NA[1]	NA[2,3]	140	0.0050	NA[2,3]
1,3-Dichlorobenzene (m-Dichlorobenzene)	541-73-1	NA[1]	NA[1]	110	0.0050	NA[1]
1,4-Dichlorobenzene (p-Dichlorobenzene)	106-46-7	NA[1]	NA[2,3]	74	0.0050	NA[2,3]
3,3'-Dichlorobenzidine	91-94-1	NA[1]	NA[1]	20	0.33	NA[1]
Dichlorodifluoromethane (Freon 12)	75-71-8	NA[1]	NA[1]	540	0.0050	NA[1]
1,1-Dichloroethane	75-34-3	NA[1]	NA[1]	1,200	0.0050	NA[1]
1,2-Dichloroethane	107-06-2	NA[1]	71	2,000	0.0050	71
1,1-Dichloroethene (1,1-Dichloroethylene)	75-35-4	NA[1]	52	830	0.0050	52
1,2-Dichloroethene (cis) (c-1,2-Dichloroethylene)	156-59-2	NA[1]	NA[1]	1,600	0.0050	NA[1]
1,2-Dichloroethene (trans) (t-1,2-Dichloroethylene)	156-60-5	NA[1]	NA[1]	1,300	0.0050	NA[1]
2,4-Dichlorophenol	120-83-2	NA[1]	NA[1]	2,600	0.17	NA[1]
1,2-Dichloropropane	78-87-5	5.7	31	810	0.0050	5.7
1,3-Dichloropropene (total)	542-75-6	4.8	140	880	0.0050	4.8
Dieldrin	60-57-1	NA[1]	NA[1]	7.9	0.0033	NA[1]
Diethylphthalate	84-66-2	NA[1]	NA[1]	390	0.17	NA[1]
2,4-Dimethylphenol	105-67-9	NA[1]	NA[1]	8,900	0.17	NA[1]
Di-n-butyl phthalate	84-74-2	NA[1]	NA[1]	28	0.17	NA[1]
2,4-Dinitrophenol	51-28-5	NA[1]	NA[1]	430	0.33	NA[1]
2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25321-14-6	NA[1]	NA[1]	360	0.17	NA[1]
Di-n-octyl phthalate	117-84-0	NA[1]	NA[1]	6.2	0.33	NA[1]

1,4-Dioxane	123-91-1	45	2,500	160,000	0.067	45
Endosulfan I and Endosulfan II (alpha and beta) (summed)	115-29-7	NA[1]	NA[1]	4.4	0.0033	NA[1]
Endrin	72-20-8	NA[1]	NA[1]	10	0.0033	NA[1]
Ethylbenzene	100-41-4	10	NA[2,3]	180	0.0050	10
Extractable Petroleum Hydrocarbons (Category 1)	various	NA[1]	NA[1]	NA	80	NA[1]
Extractable Petroleum Hydrocarbons (Category 2)	various	NA[1]	NA[1]	NA	80	NA[1]
Fluoranthene	206-44-0	NA[1]	NA[1]	29	0.33	NA[1]
Fluorene	86-73-7	NA[1]	NA[1]	31	0.17	NA
alpha-HCH (alpha-BHC)	319-84-6	NA[1]	NA[1]	12	0.0017	NA[1]
beta-HCH (beta-BHC)	319-85-7	NA[1]	NA[1]	1.4	0.0017	NA[1]
Heptachlor	76-44-8	NA[1]	NA[1]	15	0.0017	NA[1]
Heptachlor epoxide	1024-57-3	NA[1]	NA[1]	4.1	0.0017	NA[1]
Hexachlorobenzene	118-74-1	NA[1]	NA[1]	0.078	0.17	NA[1]
Hexachloro-1,3-butadiene	87-68-3	NA[1]	NA[1]	6.1	0.17	NA[1]
Hexachlorocyclopentadiene	77-47-4	NA[1]	2.7	5.6	0.33	2.7
Hexachloroethane	67-72-1	NA[1]	NA[2,3]	28	0.17	NA[2,3]
n-Hexane	110-54-3	NA[1]	NA[2,3]	88	NA	NA[2,3]
2-Hexanone	591-78-6	NA[1]	1,000	3,200	0.010	1,000
Indeno(1,2,3-cd)pyrene	193-39-5	78,000[4]	NA[1]	0.74	0.17	78,000[4]
Isophorone	78-59-1	NA[1]	NA[2,3]	3,400	0.17	NA[2,3]
Isopropylbenzene	98-82-8	NA[1]	NA[2,3]	98	0.0050	NA[2,3]
Lead (total)	7439-92-1	NA[1]	NA[1]	NA	0.50	NA[1]
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	NA[1]	NA[1]	42	0.0017	NA[1]
Manganese (total)	7439-96-5	NA[1]	87,000	NA	0.50	87,000
Mercury (total)	7439-97-6	NA[1]	520,000[4]	3.1[5]	0.10	520,000[4]
Methoxychlor	72-43-5	NA[1]	NA[1]	5.4	0.017	NA[1]
Methyl acetate	79-20-9	NA[1]	NA[1]	39,000	0.0050	NA[1]
Methylene chloride (Dichloromethane)	75-09-2	1,400	NA[2,3]	2,800	0.0050	1,400
2-Methylnaphthalene	91-57-6	NA[1]	NA[1]	130	0.17	NA[1]
4-Methyl-2-pentanone (MIBK)	108-10-1	NA[1]	NA[2,3]	3,400	0.010	NA[2,3]
2-Methylphenol (o-cresol)	95-48-7	NA[1]	NA[1]	20,000	0.33	NA[1]
4-Methylphenol (p-cresol)	106-44-5	NA[1]	NA[1]	16,000	0.33	NA[1]
Methyl tert-butyl ether (MTBE)	1634-04-4	140	NA[2,3]	9,100	0.0050	140
Naphthalene	91-20-3	5.7	NA[2,3]	100	0.17	5.7
Nickel (total)	7440-02-0	20,000	24,000	NA	0.50	20,000
4-Nitroaniline	100-01-6	NA[1]	NA[2,3]	270	0.33	NA[2,3]
Nitrobenzene	98-95-3	7.5	1,000	1,300	0.17	7.5

N-Nitrosodi-n-propylamine	621-64-7	NA[1]	NA[1]	9,200	0.17	NA[1]
N-Nitrosodiphenylamine	86-30-6	NA[1]	NA[1]	190	0.17	NA[1]
2,2'-oxybis(1-chloropropane)	108-60-1	NA[1]	NA[1]	540	0.33	NA[1]
Pentachlorophenol	87-86-5	NA[1]	NA[1]	140	0.33	NA[1]
Phenol	108-95-2	NA[1]	39,000	44,000	0.33	39,000
Polychlorinated biphenyls (PCBs)	1336-36-3	NA[1]	NA[1]	110	0.030	NA[1]
Pyrene	129-00-0	NA[1]	NA[1]	15	0.17	NA[1]
Selenium (total)	7782-49-2	NA[1]	NA[1]	NA	2.5	NA[1]
Silver (total)	7440-22-4	NA[1]	NA[1]	NA	0.50	NA[1]
Styrene	100-42-5	NA[1]	NA[2,3]	330	0.0050	NA[2,3]
Tertiary butyl alcohol (TBA)	75-65-0	NA[1]	NA[1]	160,000	0.10	NA[1]
1,2,4,5-Tetrachlorobenzene	95-94-3	NA[1]	NA[1]	2.7	0.17	NA[1]
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	NA[1]	NA[1]	0.10	0.0000010	NA[1]
1,1,2,2-Tetrachloroethane	79-34-5	NA[1]	NA[1]	980	0.0050	NA[1]
Tetrachloroethene (PCE) (Tetrachloroethylene)	127-18-4	47	NA[2,3]	89	0.0050	47
2,3,4,6-Tetrachlorophenol	58-90-2	NA[1]	NA[1]	150	0.17	NA[1]
Toluene	108-88-3	NA[1]	NA[2,3]	340	0.0050	NA[2,3]
Toxaphene	8001-35-2	NA[1]	NA[1]	85	0.17	NA[1]
1,2,4-Trichlorobenzene	120-82-1	NA[1]	94	140	0.0050	94
1,1,1-Trichloroethane	71-55-6	NA[1]	NA[2,3]	420	0.0050	NA[2,3]
1,1,2-Trichloroethane	79-00-5	NA[1]	NA[1]	1,300	0.0050	NA[1]
Trichloroethene (TCE) (Trichloroethylene)	79-01-6	3.0	9.1	410	0.0050	3.0
Trichlorofluoromethane (Freon 11)	75-69-4	NA[1]	NA[1]	790	0.0050	NA[1]
2,4,5-Trichlorophenol	95-95-4	NA[1]	NA[1]	5,800	0.20	NA[1]
2,4,6-Trichlorophenol	88-06-2	NA[1]	NA[1]	1,700	0.20	NA[1]
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	76-13-1	NA[1]	NA[2,3]	530	0.0050	NA[2,3]
1,2,4-Trimethylbenzene	95-63-6	NA[1]	NA[2,3]	80	0.076	NA[2,3]
Vanadium (total)	7440-62-2	NA[1]	170,000	NA	2.5	170,000
Vinyl chloride	75-01-4	1.4	220	2,900	0.0050	1.4
Xylenes (total)	1330-20-7	NA[1]	NA[2,3]	100	0.0050	NA[2,3]
Zinc (total)	7440-66-6	NA[1]	NA[1]	NA	1.0	NA[1]

NA – Not applicable because soil saturation limit does not apply to this contaminant

NA[1] – Not applicable because appropriate toxicological information is not available

NA[2] – Standard not applicable because the calculated health-based criterion exceeds one million mg/kg

NA[3] – Standard not applicable because the calculated health-based criterion exceeds the soil saturation limit

[4] Exceeds soil saturation limit; however, health-based criterion based on particulate portion of the equation

[5] Value is for elemental mercury

Table 4 – Soil Remediation Standards for the Inhalation Exposure Pathway – Nonresidential (mg/kg) (All numeric values are rounded to two significant figures)

Contaminant	CAS No.	Carcinogenic Inhalation Human Health-based Criterion	Noncarcinogenic Inhalation Human Health-based Criterion	Soil Saturation Concentration	Reporting Limit	Soil Remediation Standard Inhalation Nonresidential
Acenaphthene	83-32-9	NA[1]	NA[1]	40	0.17	NA[1]
Acetone (2-Propanone)	67-64-1	NA[1]	NA[1]	160,000	0.010	NA[1]
Acetophenone	98-86-2	NA[1]	NA[1]	1,600	0.33	NA[1]
Aldrin	309-00-2	NA[1]	NA[1]	2.8	0.0017	NA[1]
Aluminum (total)	7429-90-5	NA[1]	NA[2]	NA	20	NA[2]
Anthracene	120-12-7	NA[1]	NA[1]	1.4	0.17	NA[1]
Antimony (total)	7440-36-0	NA[1]	NA[1]	NA	1.0	NA[1]
Arsenic (total)	7440-38-2	5,200	NA[1]	NA	0.50	5,200
Atrazine	1912-24-9	NA[1]	NA[1]	21	0.33	NA[1]
Barium (total)	7440-39-3	NA[1]	NA[2]	NA	5.0	NA[2]
Benzaldehyde	100-52-7	NA[1]	NA[1]	1,200	0.33	NA[1]
Benzene	71-43-2	11	NA[2,3]	850	0.0050	11
Benzo(a)anthracene (1,2-Benzanthracene)	56-55-3	370,000[4]	NA[1]	3.3	0.17	370,000[4]
Benzo(a)pyrene	50-32-8	37,000[4]	16,000[4]	1.9	0.17	16,000[4]
Benzo(b)fluoranthene (3,4-Benzofluoranthene)	205-99-2	370,000[4]	NA[1]	1.8	0.17	370,000[4]
Benzo(k)fluoranthene	207-08-9	NA[2,3]	NA[1]	0.94	0.17	NA[2,3]
Beryllium	7440-41-7	9,300	160,000	NA	0.50	9,300
1,1'-Biphenyl	92-52-4	NA[1]	NA[1]	78	0.17	NA[1]

Bis(2-chloroethoxy)methane	111-91-1	NA[1]	NA[1]	1,400	0.17	NA[1]
Bis(2-chloroethyl)ether	111-44-4	NA[1]	NA[1]	3,700	0.33	NA[1]
Bis(2-ethylhexyl)phthalate	117-81-7	NA[1]	NA[1]	65	0.17	NA[1]
Bromodichloromethane (Dichlorobromomethane)	75-27-4	NA[1]	NA[1]	690	0.0050	NA[1]
Bromoform	75-25-2	NA[1]	NA[1]	680	0.0050	NA[1]
Bromomethane (Methyl bromide)	74-83-9	NA[1]	82	3,300	0.0050	82
2-Butanone (Methyl ethyl ketone) (MEK)	78-93-3	NA[1]	NA[2,3]	36,000	0.010	NA[2,3]
Butylbenzyl phthalate	85-68-7	NA[1]	NA[1]	39	0.17	NA[1]
Cadmium	7440-43-9	12,000	80,000	NA	0.50	12,000
Caprolactam	105-60-2	NA[1]	1,300	160,000	0.33	1,300
Carbon disulfide	75-15-0	NA[1]	NA[2,3]	580	0.0050	NA[2,3]
Carbon tetrachloride	56-23-5	6.9	NA[2,3]	300	0.0050	6.9
Chlordane (alpha and gamma forms summed)	57-74-9	NA[1]	NA[2,3]	7.6	0.0017	NA[2,3]
4-Chloroaniline	106-47-8	NA[1]	NA[1]	1,500	0.17	NA[1]
Chlorobenzene	108-90-7	NA[1]	NA[2,3]	320	0.0050	NA[2,3]
Chloroethane (Ethyl chloride)	75-00-3	NA[1]	NA[2,3]	1,700	0.0050	NA[2,3]
Chloroform	67-66-3	NA[1]	NA[2,3]	1,900	0.0050	NA[2,3]
Chloromethane (Methyl chloride)	74-87-3	NA[1]	1,200	1,200	0.0050	1,200
2-Chloronaphthalene	91-58-7	NA[1]	NA[1]	60	0.17	NA[1]
2-Chlorophenol (o-Chlorophenol)	95-57-8	NA[1]	NA[1]	11,000	0.17	NA[1]
Chrysene	218-01-9	NA[2,3]	NA[1]	0.72	0.17	NA[2,3]
Cobalt (total)	7440-48-4	2,500	48,000	NA	0.50	2,500
Copper (total)	7440-50-8	NA[1]	NA[1]	NA	1.0	NA[1]
Cyanide	57-12-5	NA[1]	NA[2]	NA	0.50	NA[2]
Cyclohexane	110-82-7	NA[1]	NA[2,3]	65	0.0050	NA[2,3]
4,4'-DDD (p,p'-TDE)	72-54-8	NA[1]	NA[1]	21	0.0033	NA[1]
4,4'-DDE (p,p'-DDX)	72-55-9	NA[1]	NA[1]	9.4	0.0033	NA[1]
4,4'-DDT	50-29-3	NA[1]	NA[1]	1.9	0.0033	NA[1]
Dibenz(a,h)anthracene	53-70-3	37,000[4]	NA[1]	9.5	0.17	37,000[4]
Dibromochloromethane (Chlorodibromomethane)	124-48-1	NA[1]	NA[1]	600	0.0050	NA[1]
1,2-Dibromo-3-chloropropane	96-12-8	0.12	52	470	0.0050	0.12
1,2-Dibromoethane (Ethylene dibromide)	106-93-4	0.41	780	920	0.0050	0.41
1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	NA[1]	NA[2,3]	140	0.0050	NA[2,3]
1,3-Dichlorobenzene (m-Dichlorobenzene)	541-73-1	NA[1]	NA[1]	110	0.0050	NA[1]

1,4-Dichlorobenzene (p-Dichlorobenzene)	106-46-7	NA[1]	NA[2,3]	74	0.0050	NA[2,3]
3,3'-Dichlorobenzidine	91-94-1	NA[1]	NA[1]	20	0.33	NA[1]
Dichlorodifluoromethane (Freon 12)	75-71-8	NA[1]	NA[1]	540	0.0050	NA[1]
1,1-Dichloroethane	75-34-3	NA[1]	NA[1]	1,200	0.0050	NA[1]
1,2-Dichloroethane	107-06-2	NA[1]	320	2,000	0.0050	320
1,1-Dichloroethene (1,1-Dichloroethylene)	75-35-4	NA[1]	240	830	0.0050	240
1,2-Dichloroethene (cis) (c-1,2-Dichloroethylene)	156-59-2	NA[1]	NA[1]	1,600	0.0050	NA[1]
1,2-Dichloroethene (trans) (t-1,2-Dichloroethylene)	156-60-5	NA[1]	NA[1]	1,300	0.0050	NA[1]
2,4-Dichlorophenol	120-83-2	NA[1]	NA[1]	2,600	0.17	NA[1]
1,2-Dichloropropane	78-87-5	27	140	810	0.0050	27
1,3-Dichloropropene (total)	542-75-6	23	650	880	0.0050	23
Dieldrin	60-57-1	NA[1]	NA[1]	7.9	0.0033	NA[1]
Diethylphthalate	84-66-2	NA[1]	NA[1]	390	0.17	NA[1]
2,4-Dimethylphenol	105-67-9	NA[1]	NA[1]	8,900	0.17	NA[1]
Di-n-butyl phthalate	84-74-2	NA[1]	NA[1]	28	0.17	NA[1]
2,4-Dinitrophenol	51-28-5	NA[1]	NA[1]	430	0.33	NA[1]
2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25321-14-6	NA[1]	NA[1]	360	0.17	NA[1]
Di-n-octyl phthalate	117-84-0	NA[1]	NA[1]	6.2	0.33	NA[1]
1,4-Dioxane	123-91-1	210	11,000	160,000	0.067	210
Endosulfan I and Endosulfan II (alpha and beta) (summed)	115-29-7	NA[1]	NA[1]	4.4	0.0033	NA[1]
Endrin	72-20-8	NA[1]	NA[1]	10	0.0033	NA[1]
Ethylbenzene	100-41-4	48	NA[2,3]	180	0.0050	48
Extractable Petroleum Hydrocarbons (Category 1)	various	NA[1]	NA[1]	NA	80	NA[1]
Extractable Petroleum Hydrocarbons (Category 2)	various	NA[1]	NA[1]	NA	80	NA[1]
Fluoranthene	206-44-0	NA[1]	NA[1]	29	0.33	NA[1]
Fluorene	86-73-7	NA[1]	NA[1]	31	0.17	NA[1]
alpha-HCH (alpha-BHC)	319-84-6	NA[1]	NA[1]	12	0.0017	NA[1]
beta-HCH (beta-BHC)	319-85-7	NA[1]	NA[1]	1.4	0.0017	NA[1]
Heptachlor	76-44-8	NA[1]	NA[1]	15	0.0017	NA[1]
Heptachlor epoxide	1024-57-3	NA[1]	NA[1]	4.1	0.0017	NA[1]
Hexachlorobenzene	118-74-1	NA[1]	NA[1]	0.078	0.17	NA[1]
Hexachloro-1,3-butadiene	87-68-3	NA[1]	NA[1]	6.1	0.17	NA[1]
Hexachlorocyclopentadiene	77-47-4	NA[1]	NA[2,3]	5.6	0.33	NA[2,3]
Hexachloroethane	67-72-1	NA[1]	NA[2,3]	28	0.17	NA[2,3]
n-Hexane	110-54-3	NA[1]	NA[2,3]	88	NA	NA[2,3]

2-Hexanone	591-78-6	NA[1]	NA[2,3]	3,200	0.010	NA[2,3]
Indeno(1,2,3-cd)pyrene	193-39-5	370,000[4]	NA[1]	0.74	0.17	370,000[4]
Isophorone	78-59-1	NA[1]	NA[2,3]	3,400	0.17	NA[2,3]
Isopropylbenzene	98-82-8	NA[1]	NA[2,3]	98	0.0050	NA[2,3]
Lead (total)	7439-92-1	NA[1]	NA[1]	NA	0.50	NA[1]
Lindane (gamma-HCH) (gamma-BHC)	58-89-9	NA[1]	NA[1]	42	0.0017	NA[1]
Manganese (total)	7439-96-5	NA[1]	400,000	NA	0.50	400,000
Mercury (total)	7439-97-6	NA[1]	NA[2,3]	3.1[5]	0.10	NA[2,3]
Methoxychlor	72-43-5	NA[1]	NA[1]	5.4	0.017	NA[1]
Methyl acetate	79-20-9	NA[1]	NA[1]	39,000	0.0050	NA[1]
Methylene chloride (Dichloromethane)	75-09-2	NA[2,3]	NA[2,3]	2,800	0.0050	NA[2,3]
2-Methylnaphthalene	91-57-6	NA[1]	NA[1]	130	0.17	NA[1]
4-Methyl-2-pentanone (MIBK)	108-10-1	NA[1]	NA[2,3]	3,400	0.010	NA[2,3]
2-Methylphenol (o-cresol)	95-48-7	NA[1]	NA[1]	20,000	0.33	NA[1]
4-Methylphenol (p-cresol)	106-44-5	NA[1]	NA[1]	16,000	0.33	NA[1]
Methyl tert-butyl ether (MTBE)	1634-04-4	650	NA[2,3]	9,100	0.0050	650
Naphthalene	91-20-3	27	NA[2,3]	100	0.17	27
Nickel (total)	7440-02-0	93,000	110,000	NA	0.50	93,000
4-Nitroaniline	100-01-6	NA[1]	NA[2,3]	270	0.33	NA[2,3]
Nitrobenzene	98-95-3	36	NA[2,3]	1,300	0.17	36
N-Nitrosodi-n-propylamine	621-64-7	NA[1]	NA[1]	9,200	0.17	NA[1]
N-Nitrosodiphenylamine	86-30-6	NA[1]	NA[1]	190	0.17	NA[1]
2,2'-oxybis(1-chloropropane)	108-60-1	NA[1]	NA[1]	540	0.33	NA[1]
Pentachlorophenol	87-86-5	NA[1]	NA[1]	140	0.33	NA[1]
Phenol	108-95-2	NA[1]	NA[2,3]	44,000	0.33	NA[2,3]
Polychlorinated biphenyls (PCBs)	1336-36-3	NA[1]	NA[1]	110	0.030	NA[1]
Pyrene	129-00-0	NA[1]	NA[1]	15	0.17	NA[1]
Selenium (total)	7782-49-2	NA[1]	NA[1]	NA	2.5	NA[1]
Silver (total)	7440-22-4	NA[1]	NA[1]	NA	0.50	NA[1]
Styrene	100-42-5	NA[1]	NA[2,3]	330	0.0050	NA[2,3]
Tertiary butyl alcohol (TBA)	75-65-0	NA[1]	NA[1]	160,000	0.10	NA[1]
1,2,4,5-Tetrachlorobenzene	95-94-3	NA[1]	NA[1]	2.7	0.17	NA[1]
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	NA[1]	NA[1]	0.10	0.0000010	NA[1]
1,1,2,2-Tetrachloroethane	79-34-5	NA[1]	NA[1]	980	0.0050	NA[1]
Tetrachloroethene (PCE) (Tetrachloroethylene)	127-18-4	NA[2,3]	NA[2,3]	89	0.0050	NA[2,3]
2,3,4,6-Tetrachlorophenol	58-90-2	NA[1]	NA[1]	150	0.17	NA[1]
Toluene	108-88-3	NA[1]	NA[2,3]	340	0.0050	NA[2,3]

Toxaphene	8001-35-2	NA[1]	NA[1]	85	0.17	NA[1]
1,2,4-Trichlorobenzene	120-82-1	NA[1]	NA[2,3]	140	0.0050	NA[2,3]
1,1,1-Trichloroethane	71-55-6	NA[1]	NA[2,3]	420	0.0050	NA[2,3]
1,1,2-Trichloroethane	79-00-5	NA[1]	NA[1]	1,300	0.0050	NA[1]
Trichloroethene (TCE) (Trichloroethylene)	79-01-6	14	42	410	0.0050	14
Trichlorofluoromethane (Freon 11)	75-69-4	NA[1]	NA[1]	790	0.0050	NA[1]
2,4,5-Trichlorophenol	95-95-4	NA[1]	NA[1]	5,800	0.20	NA[1]
2,4,6-Trichlorophenol	88-06-2	NA[1]	NA[1]	1,700	0.20	NA[1]
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	76-13-1	NA[1]	NA[2,3]	530	0.0050	NA[2,3]
1,2,4-Trimethylbenzene	95-63-6	NA[1]	NA[2,3]	80	0.076	NA[2,3]
Vanadium (total)	7440-62-2	NA[1]	800,000	NA	2.5	800,000
Vinyl chloride	75-01-4	6.4	1,000	2,900	0.0050	6.4
Xylenes (total)	1330-20-7	NA[1]	NA[2,3]	100	0.0050	NA[2,3]
Zinc (total)	7440-66-6	NA[1]	NA[1]	NA	1.0	NA[1]

NA – Not applicable because soil saturation limit does not apply to this contaminant

NA[1] Not applicable because appropriate toxicological information is not available

NA[2] Standard not applicable because the calculated health-based criterion exceeds one million mg/kg

NA[3] Standard not applicable because the calculated health-based criterion exceeds the soil saturation limit

[4] Exceeds soil saturation limit; however, health-based criterion based on particulate portion of the equation

[5] Value is for elemental mercury

Table 5 – Soil Remediation Standards for the Migration to Ground Water Exposure Pathway (mg/kg) (All ground water remediation standards are rounded to two significant figures when scientifically supportable)[A]

mm (0.250 inch) per year at a test temperature of 55 °C (130 °F) as determined by Method 1110A in ''Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,'' EPA Publication SW–846, and as incorporated by reference in § 260.11 of this chapter.

(b) A solid waste that exhibits the characteristic of corrosivity has the EPA Hazardous Waste Number of D002.

[45 FR 33119, May 19, 1980, as amended at 46 FR 35247, July 7, 1981; 55 FR 22684, June 1, 1990; 58 FR 46049, Aug. 31, 1993; 70 FR 34561, June 14, 2005]

§ 261.23 Characteristic of reactivity.

(a) A solid waste exhibits the characteristic of reactivity if a representative sample of the waste has *any* of the following properties:

(1) It is normally unstable and readily undergoes violent change without detonating.

(2) It reacts violently with water.

(3) It forms potentially explosive mixtures with water.

(4) When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(5) It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement.

(7) It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.

(8) It is a forbidden explosive as defined in 49 CFR 173.54, or is a Division 1.1, 1.2 or 1.3 explosive as defined in 49 CFR 173.50 and 173.53.

(b) A solid waste that exhibits the characteristic of reactivity has the EPA Hazardous Waste Number of D003.

[45 FR 33119, May 19, 1980, as amended at 55 FR 22684, June 1, 1990; 75 FR 13002, Mar. 18, 2010]

§ 261.24 Toxicity characteristic.

(a) A solid waste (except manufactured gas plant waste) exhibits the characteristic of toxicity if, using the Toxicity Characteristic Leaching Procedure, test Method 1311 in ''Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,'' EPA Publication SW–846, as incorporated by reference in § 260.11 of this chapter, the extract from a representative sample of the waste contains any of the contaminants listed in table 1 at the concentration equal to or greater than the respective value given in that table. Where the waste contains less than 0.5 percent filterable solids, the waste itself, after filtering using the methodology outlined in Method 1311, is considered to be the extract for the purpose of this section.

(b) A solid waste that exhibits the characteristic of toxicity has the EPA Hazardous Waste Number specified in Table 1 which corresponds to the toxic contaminant causing it to be hazardous.

TABLE 1—MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERISTIC

EPA HW No.[1]	Contaminant	CAS No.[2]	Regulatory Level (mg/L)
D004	Arsenic	7440–38–2	5.0
D005	Barium	7440–39–3	100.0
D018	Benzene	71–43–2	0.5
D006	Cadmium	7440–43–9	1.0
D019	Carbon tetrachloride	56–23–5	0.5
D020	Chlordane	57–74–9	0.03
D021	Chlorobenzene	108–90–7	100.0
D022	Chloroform	67–66–3	6.0
D007	Chromium	7440–47–3	5.0
D023	o-Cresol	95–48–7	[4] 200.0
D024	m-Cresol	108–39–4	[4] 200.0
D025	p-Cresol	106–44–5	[4] 200.0
D026	Cresol	.....	[4] 200.0
D016	2,4-D	94–75–7	10.0
D027	1,4-Dichlorobenzene	106–46–7	7.5
D028	1,2-Dichloroethane	107–06–2	0.5
D029	1,1-Dichloroethylene	75–35–4	0.7
D030	2,4-Dinitrotoluene	121–14–2	[3] 0.13
D012	Endrin	72–20–8	0.02
D031	Heptachlor (and its epoxide).	76–44–8	0.008
D032	Hexachlorobenzene	118–74–1	[3] 0.13
D033	Hexachlorobutadiene	87–68–3	0.5
D034	Hexachloroethane	67–72–1	3.0
D008	Lead	7439–92–1	5.0
D013	Lindane	58–89–9	0.4
D009	Mercury	7439–97–6	0.2
D014	Methoxychlor	72–43–5	10.0
D035	Methyl ethyl ketone	78–93–3	200.0
D036	Nitrobenzene	98–95–3	2.0
D037	Pentachlorophenol	87–86–5	100.0
D038	Pyridine	110–86–1	[3] 5.0
D010	Selenium	7782–49–2	1.0
D011	Silver	7440–22–4	5.0
D039	Tetrachloroethylene	127–18–4	0.7
D015	Toxaphene	8001–35–2	0.5
D040	Trichloroethylene	79–01–6	0.5
D041	2,4,5-Trichlorophenol	95–95–4	400.0
D042	2,4,6-Trichlorophenol	88–06–2	2.0
D017	2,4,5-TP (Silvex)	93–72–1	1.0

TABLE 1—MAXIMUM CONCENTRATION OF CONTAMINANTS FOR THE TOXICITY CHARACTERISTIC

EPA HW No. [1]	Contaminant	CAS No. [2]	Regulatory Level (mg/L)
D043	Vinyl chloride	75–01–4	0.2

[1] Hazardous waste number.
[2] Chemical abstracts service number.
[3] Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.
[4] If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/l.

[55 FR 11862, Mar. 29, 1990, as amended at 55 FR 22684, June 1, 1990; 55 FR 26987, June 29, 1990; 58 FR 46049, Aug. 31, 1993; 67 FR 11254, Mar. 13, 2002; 71 FR 40259, July 14, 2006]

Subpart D—Lists of Hazardous Wastes

§ 261.30 General.

(a) A solid waste is a hazardous waste if it is listed in this subpart, unless it has been excluded from this list under §§ 260.20 and 260.22.

(b) The Administrator will indicate his basis for listing the classes or types of wastes listed in this subpart by employing one or more of the following Hazard Codes:

Ignitable Waste ..... (I)
Corrosive Waste ..... (C)
Reactive Waste ..... (R)
Toxicity Characteristic Waste ... (E)
Acute Hazardous Waste ..... (H)
Toxic Waste ..... (T)

Appendix VII identifies the constituent which caused the Administrator to list the waste as a Toxicity Characteristic Waste (E) or Toxic Waste (T) in §§ 261.31 and 261.32.

(c) Each hazardous waste listed in this subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste. This number must be used in complying with the notification requirements of Section 3010 of the Act and certain recordkeeping and reporting requirements under parts 262 through 265, 267, 268, and 270 of this chapter.

(d) The following hazardous wastes listed in § 261.31 are subject to the generator category limits for acutely hazardous wastes established in table 1 of § 262.13 of this subchapter: EPA Hazardous Wastes Nos. F020, F021, F022, F023, F026 and F027.

[45 FR 33119, May 19, 1980, as amended at 48 FR 14294, Apr. 1, 1983; 50 FR 2000, Jan. 14, 1985; 51 FR 40636, Nov. 7, 1986; 55 FR 11863, Mar. 29, 1990; 75 FR 13002, Mar. 18, 2010; 88 FR 54100, Aug. 9, 2023]

§ 261.31 Hazardous wastes from non-specific sources.

(a) The following solid wastes are listed hazardous wastes from non-specific sources unless they are excluded under §§ 260.20 and 260.22 and listed in appendix IX.

Industry and EPA hazardous waste No.	Hazardous waste	Hazard code
Generic:		
F001	The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	(T)
F002	The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	(T)
F003	The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	(I)*